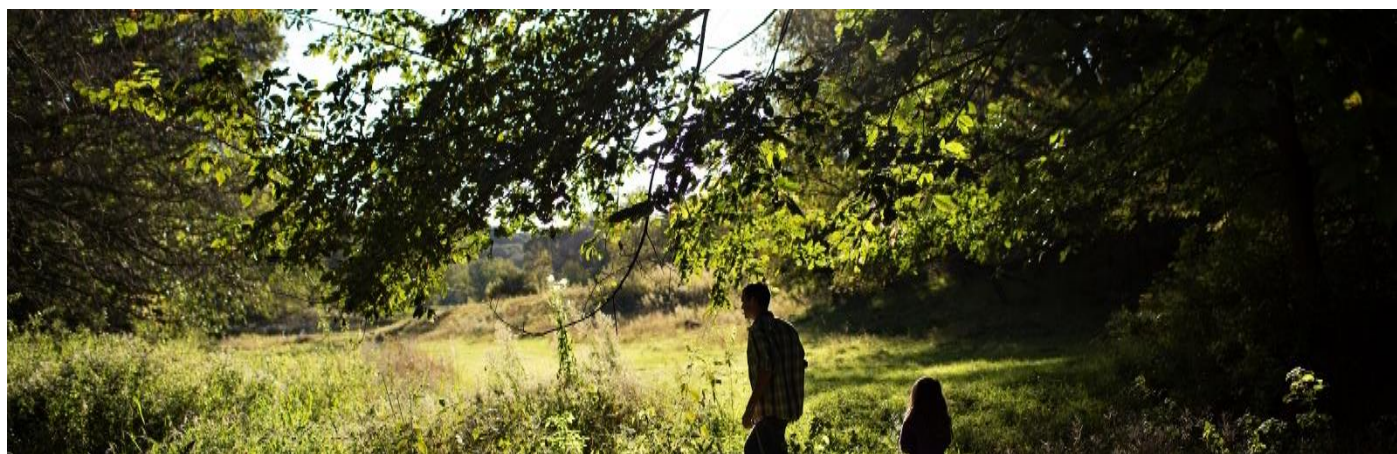




## Trading by management and close relations of management

Pursuant to Article 19 of Regulation (EU) No 596/2014 of 16 April 2014 on market abuse (market abuse regulation) and Commission Delegated Regulation (EU) 1052/2016 of 8 March 2016, Novozymes hereby publishes the following transactions under ISIN code DK0060336014, Novozymes B shares (ticker symbol NZYM B). This sale has been conducted pursuant to Novo Holdings A/S' previously announced intention to maintain its relative holding of approximately 25.5% of the total common stock which was the level prior to Novozymes' capital reduction of April 12, 2018 (Company announcement No. 1, February 7, 2018).

**April 30, 2018**

Company announcement No. 18

### Contact information

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### Details of the person discharging managerial responsibilities/person closely associated

|      |                   |
|------|-------------------|
| Name | Novo Holdings A/S |
|------|-------------------|

### Reason for notification

|                                    |                                                                                                                                        |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Position/status                    | Novo Holdings A/S is a related party of Kasim Kutay, CEO of Novo Holdings A/S and a member of the Board of Directors for Novozymes A/S |
| Initial notification/<br>amendment | Initial notification                                                                                                                   |

### Details of the issuer

|          |                      |
|----------|----------------------|
| Entity   | Novozymes A/S        |
| LEI code | 529900T6WNZXD2R3JW38 |

### Details of the transaction(s)

|                                                       |                                                                                               |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Description:                                          |                                                                                               |
| Financial instrument                                  | Shares                                                                                        |
| Identification code                                   | ISIN DK0060336014                                                                             |
| Nature of the transaction                             | Sale of shares                                                                                |
| Place(s) of transaction(s),<br>price(s) and volume(s) | See appendix for details                                                                      |
| Aggregated information                                | Number of shares: 149,948<br>Average price, DKK: 295.05<br>Transaction value, DKK: 44,242,397 |
| Date of the transaction                               | 2018-04-26                                                                                    |

### About Novozymes

Novozymes is the world leader in biological solutions. Together with customers, partners and the global community, we improve industrial performance while preserving the planet's resources and helping build better lives. As the world's largest provider of enzyme and microbial technologies, our bioinnovation enables higher agricultural yields, low-temperature washing, energy-efficient production, renewable fuel and many other benefits that we rely on today and in the future. We call it Rethink Tomorrow. [www.novozymes.com](http://www.novozymes.com)

### Novozymes A/S

Krogshøjvej 36  
2880 Bagsvaerd  
Denmark

Phone: +45 4446 0000

## Appendix

| Place of transaction                           | Number of Shares | Average sales price | Transactionvalue, DKK |
|------------------------------------------------|------------------|---------------------|-----------------------|
| Nasdaq Copenhagen A/S (XCSE)                   | 80,547           | 295.08              | 23,768,055            |
| Nasdaq Copenhagen A/S - Dark Order Book (DCSE) | -                | -                   | -                     |
| Aquis Exchange (AQXE)                          | 2,876            | 295.25              | 849,153               |
| Bats Europe BXE (BATE)                         | 3,252            | 295.05              | 959,487               |
| Bats Europe BXE - Dark Order Book (BATD)       | -                | -                   | -                     |
| Bats Europe - BXE Periodic (BATP)              | 46,229           | 294.96              | 13,635,867            |
| Bats Europe CXE (CHIX)                         | 7,795            | 295.11              | 2,300,406             |
| Bats Europe CXE - Dark Order Book (CHID)       | -                | -                   | -                     |
| Turquoise (TRQX)                               | 2,884            | 295.28              | 851,596               |
| Turquoise - Dark Order Book (TRQM)             | -                | -                   | -                     |
| UBS EMEA Equities Trading (UBSI)               | 6,365            | 295.03              | 1,877,834             |
| <b>Total</b>                                   | <b>149,948</b>   | <b>295.05</b>       | <b>44,242,397</b>     |

| Volume | Price  | Venue | Time - CET               |
|--------|--------|-------|--------------------------|
| 100    | 297,00 | XCSE  | 20180426 09:04:40.529685 |
| 100    | 297,00 | XCSE  | 20180426 09:05:10.406317 |
| 100    | 297,00 | XCSE  | 20180426 09:05:10.407823 |
| 13     | 297,00 | XCSE  | 20180426 09:05:10.407823 |
| 100    | 297,00 | XCSE  | 20180426 09:05:10.499038 |
| 59     | 297,00 | XCSE  | 20180426 09:05:10.499038 |
| 100    | 294,00 | XCSE  | 20180426 09:09:22.153320 |
| 35     | 294,00 | XCSE  | 20180426 09:09:22.153320 |
| 100    | 294,00 | XCSE  | 20180426 09:09:22.153320 |
| 20     | 294,00 | XCSE  | 20180426 09:09:22.153320 |
| 245    | 294,00 | XCSE  | 20180426 09:09:22.175289 |
| 57     | 295,00 | XCSE  | 20180426 09:13:02.672000 |
| 43     | 295,00 | XCSE  | 20180426 09:13:02.673000 |
| 43     | 295,00 | XCSE  | 20180426 09:13:02.673000 |
| 48     | 295,00 | XCSE  | 20180426 09:13:22.209000 |
| 52     | 295,00 | XCSE  | 20180426 09:13:22.209000 |
| 100    | 295,00 | XCSE  | 20180426 09:13:49.048000 |
| 100    | 295,00 | XCSE  | 20180426 09:13:49.049000 |
| 100    | 295,00 | XCSE  | 20180426 09:13:49.068000 |
| 100    | 295,00 | XCSE  | 20180426 09:13:49.069000 |
| 46     | 295,00 | XCSE  | 20180426 09:13:49.069000 |
| 100    | 295,00 | XCSE  | 20180426 09:13:49.069000 |
| 54     | 295,00 | XCSE  | 20180426 09:13:49.069000 |
| 46     | 295,00 | XCSE  | 20180426 09:13:49.073000 |
| 19     | 295,00 | XCSE  | 20180426 09:13:49.075000 |
| 81     | 295,00 | XCSE  | 20180426 09:13:50.107000 |
| 100    | 295,00 | XCSE  | 20180426 09:13:50.113000 |
| 150    | 294,00 | XCSE  | 20180426 09:23:16.227569 |
| 349    | 294,00 | XCSE  | 20180426 09:23:16.766078 |
| 1      | 294,00 | XCSE  | 20180426 09:23:19.141197 |
| 150    | 294,00 | XCSE  | 20180426 09:23:21.591577 |
| 24     | 294,00 | XCSE  | 20180426 09:23:21.620191 |

|      |        |      |                          |
|------|--------|------|--------------------------|
| 160  | 294,00 | XCSE | 20180426 09:23:21.777572 |
| 105  | 294,00 | XCSE | 20180426 09:23:21.778107 |
| 9    | 294,50 | XCSE | 20180426 09:29:48.349983 |
| 96   | 294,50 | XCSE | 20180426 09:29:48.349983 |
| 56   | 294,50 | XCSE | 20180426 09:29:48.349983 |
| 91   | 294,50 | XCSE | 20180426 09:29:48.349983 |
| 167  | 294,50 | XCSE | 20180426 09:29:48.349983 |
| 26   | 294,50 | BATE | 20180426 09:29:57.628939 |
| 104  | 294,50 | CHIX | 20180426 09:29:57.629192 |
| 82   | 294,50 | XCSE | 20180426 09:29:57.630459 |
| 183  | 294,50 | XCSE | 20180426 09:29:57.630459 |
| 66   | 294,50 | XCSE | 20180426 09:29:57.630459 |
| 197  | 294,00 | XCSE | 20180426 09:32:12.256243 |
| 172  | 294,00 | XCSE | 20180426 09:32:12.256243 |
| 3    | 294,00 | XCSE | 20180426 09:32:12.284863 |
| 196  | 294,00 | XCSE | 20180426 09:32:12.285399 |
| 55   | 294,00 | XCSE | 20180426 09:33:04.667000 |
| 45   | 294,00 | XCSE | 20180426 09:33:04.670000 |
| 68   | 294,00 | XCSE | 20180426 09:33:04.677000 |
| 32   | 294,00 | XCSE | 20180426 09:33:04.678000 |
| 32   | 294,00 | XCSE | 20180426 09:33:04.678000 |
| 130  | 294,00 | XCSE | 20180426 09:33:04.678000 |
| 100  | 294,00 | XCSE | 20180426 09:33:04.687000 |
| 90   | 294,00 | XCSE | 20180426 09:33:04.710000 |
| 53   | 294,10 | UBSI | 20180426 09:44:16.045000 |
| 40   | 294,15 | UBSI | 20180426 09:44:41.462000 |
| 167  | 294,00 | BATE | 20180426 09:46:20.770010 |
| 104  | 294,00 | CHIX | 20180426 09:46:20.770109 |
| 165  | 294,00 | CHIX | 20180426 09:46:20.770109 |
| 17   | 294,00 | CHIX | 20180426 09:46:20.770109 |
| 300  | 294,00 | XCSE | 20180426 09:46:20.771379 |
| 107  | 294,00 | XCSE | 20180426 09:46:20.771379 |
| 39   | 294,00 | XCSE | 20180426 09:46:20.771379 |
| 16   | 293,60 | XCSE | 20180426 09:48:51.448388 |
| 26   | 293,60 | XCSE | 20180426 09:48:51.448388 |
| 150  | 293,60 | XCSE | 20180426 09:48:51.448388 |
| 137  | 293,60 | XCSE | 20180426 09:48:51.449688 |
| 671  | 293,60 | XCSE | 20180426 09:48:51.497572 |
| 8    | 293,60 | XCSE | 20180426 09:48:54.732482 |
| 202  | 294,95 | UBSI | 20180426 09:58:01.834000 |
| 189  | 294,95 | UBSI | 20180426 09:58:01.835000 |
| 2109 | 294,95 | BATP | 20180426 09:58:01.884000 |
| 194  | 295,00 | UBSI | 20180426 09:58:31.636000 |
| 2306 | 295,00 | BATP | 20180426 09:58:31.692000 |
| 3000 | 295,10 | BATP | 20180426 10:02:20.369000 |
| 190  | 295,30 | UBSI | 20180426 10:06:27.376000 |
| 187  | 295,30 | UBSI | 20180426 10:06:27.376000 |
| 174  | 295,20 | UBSI | 20180426 10:06:31.972000 |

|      |        |      |                          |
|------|--------|------|--------------------------|
| 150  | 295,20 | XCSE | 20180426 10:06:31.243039 |
| 250  | 295,20 | XCSE | 20180426 10:06:31.243039 |
| 45   | 295,20 | XCSE | 20180426 10:06:31.268732 |
| 1055 | 295,20 | XCSE | 20180426 10:06:31.938739 |
| 378  | 295,10 | XCSE | 20180426 10:06:44.222860 |
| 35   | 295,10 | XCSE | 20180426 10:06:44.222860 |
| 175  | 295,10 | UBSI | 20180426 10:08:06.241000 |
| 160  | 295,35 | UBSI | 20180426 10:08:17.084000 |
| 199  | 295,05 | UBSI | 20180426 10:08:34.657000 |
| 2    | 295,05 | BATP | 20180426 10:08:34.865000 |
| 250  | 295,00 | XCSE | 20180426 10:09:13.537399 |
| 79   | 295,00 | XCSE | 20180426 10:09:13.537399 |
| 250  | 295,00 | XCSE | 20180426 10:09:13.537399 |
| 100  | 295,00 | XCSE | 20180426 10:09:13.537399 |
| 28   | 295,00 | XCSE | 20180426 10:09:13.563769 |
| 167  | 295,00 | XCSE | 20180426 10:09:21.790399 |
| 150  | 295,00 | XCSE | 20180426 10:09:21.811018 |
| 226  | 295,30 | UBSI | 20180426 10:22:18.677000 |
| 175  | 295,30 | UBSI | 20180426 10:22:18.677000 |
| 1099 | 295,30 | BATP | 20180426 10:22:18.731000 |
| 188  | 295,30 | UBSI | 20180426 10:22:27.140000 |
| 288  | 295,30 | BATP | 20180426 10:22:27.155000 |
| 227  | 295,05 | UBSI | 20180426 10:34:02.616000 |
| 193  | 295,05 | UBSI | 20180426 10:34:02.617000 |
| 1080 | 295,05 | BATP | 20180426 10:34:02.714000 |
| 1000 | 294,90 | BATP | 20180426 10:34:28.371000 |
| 7    | 295,00 | AQXE | 20180426 10:53:18.343535 |
| 100  | 295,00 | CHIX | 20180426 10:53:18.343671 |
| 100  | 295,00 | CHIX | 20180426 10:53:18.343671 |
| 148  | 294,90 | CHIX | 20180426 10:53:18.343671 |
| 18   | 294,90 | CHIX | 20180426 10:53:18.343671 |
| 57   | 294,90 | CHIX | 20180426 10:53:18.343671 |
| 140  | 295,00 | XCSE | 20180426 10:53:18.345235 |
| 135  | 295,00 | XCSE | 20180426 10:53:18.345235 |
| 51   | 294,90 | XCSE | 20180426 10:53:18.345235 |
| 250  | 294,90 | XCSE | 20180426 10:53:18.345235 |
| 250  | 294,90 | XCSE | 20180426 10:53:18.345235 |
| 107  | 294,90 | XCSE | 20180426 10:53:18.345235 |
| 100  | 294,90 | XCSE | 20180426 10:53:18.345235 |
| 37   | 294,90 | XCSE | 20180426 10:53:18.345235 |
| 232  | 295,15 | UBSI | 20180426 10:59:28.200000 |
| 266  | 295,15 | UBSI | 20180426 10:59:28.201000 |
| 189  | 295,15 | UBSI | 20180426 10:59:28.201000 |
| 110  | 295,15 | UBSI | 20180426 10:59:28.201000 |
| 103  | 295,15 | UBSI | 20180426 10:59:28.201000 |
| 189  | 294,95 | UBSI | 20180426 11:00:06.634000 |
| 411  | 294,95 | BATP | 20180426 11:00:06.680000 |
| 43   | 294,55 | UBSI | 20180426 11:05:53.443000 |
| 80   | 294,55 | UBSI | 20180426 11:05:53.444000 |
| 41   | 294,65 | UBSI | 20180426 11:08:04.762000 |
| 40   | 294,65 | UBSI | 20180426 11:10:09.189000 |
| 39   | 294,75 | BATP | 20180426 11:11:04.898000 |

|      |        |      |                          |
|------|--------|------|--------------------------|
| 65   | 294,65 | UBSI | 20180426 11:11:05.090000 |
| 45   | 294,75 | UBSI | 20180426 11:11:34.178000 |
| 41   | 294,75 | UBSI | 20180426 11:13:13.444000 |
| 59   | 294,95 | UBSI | 20180426 11:15:44.356000 |
| 97   | 294,95 | UBSI | 20180426 11:15:44.357000 |
| 39   | 294,80 | XCSE | 20180426 11:17:41.830000 |
| 112  | 294,85 | BATP | 20180426 11:17:41.882000 |
| 73   | 294,80 | UBSI | 20180426 11:18:18.888000 |
| 38   | 294,70 | XCSE | 20180426 11:18:18.898000 |
| 45   | 294,85 | UBSI | 20180426 11:20:04.597000 |
| 44   | 294,85 | UBSI | 20180426 11:20:19.346000 |
| 50   | 294,80 | UBSI | 20180426 11:21:25.506000 |
| 42   | 294,85 | UBSI | 20180426 11:22:21.435000 |
| 163  | 295,00 | XCSE | 20180426 11:22:30.017000 |
| 44   | 294,95 | UBSI | 20180426 11:22:30.032000 |
| 81   | 294,95 | UBSI | 20180426 11:22:30.035000 |
| 51   | 294,95 | UBSI | 20180426 11:22:30.036000 |
| 13   | 294,95 | UBSI | 20180426 11:22:30.037000 |
| 27   | 295,00 | BATE | 20180426 11:22:40.444000 |
| 36   | 295,00 | BATE | 20180426 11:22:40.444000 |
| 59   | 295,00 | CHIX | 20180426 11:22:40.445000 |
| 59   | 295,00 | TRQX | 20180426 11:22:40.444000 |
| 72   | 295,00 | TRQX | 20180426 11:22:40.444000 |
| 104  | 295,00 | XCSE | 20180426 11:22:40.454000 |
| 118  | 295,00 | XCSE | 20180426 11:22:40.454000 |
| 50   | 295,00 | CHIX | 20180426 11:22:40.499000 |
| 90   | 295,00 | BATE | 20180426 11:22:40.499000 |
| 80   | 295,00 | CHIX | 20180426 11:22:40.499000 |
| 90   | 295,00 | BATE | 20180426 11:22:40.499000 |
| 250  | 295,00 | XCSE | 20180426 11:22:40.510000 |
| 179  | 295,00 | XCSE | 20180426 11:22:40.510000 |
| 250  | 295,00 | XCSE | 20180426 11:22:40.533000 |
| 250  | 295,00 | XCSE | 20180426 11:22:40.533000 |
| 250  | 295,00 | XCSE | 20180426 11:22:40.709000 |
| 76   | 295,00 | XCSE | 20180426 11:22:40.709000 |
| 115  | 295,00 | XCSE | 20180426 11:22:40.709000 |
| 1500 | 295,00 | BATP | 20180426 11:32:34.851000 |
| 868  | 295,15 | BATP | 20180426 11:43:41.209000 |
| 58   | 295,15 | BATP | 20180426 11:43:41.209000 |
| 574  | 295,15 | BATP | 20180426 11:43:41.538000 |
| 28   | 295,20 | BATE | 20180426 11:55:43.528401 |
| 86   | 295,20 | XCSE | 20180426 11:55:43.529873 |
| 127  | 295,20 | XCSE | 20180426 11:55:43.529873 |
| 215  | 295,20 | XCSE | 20180426 11:55:43.529873 |
| 54   | 295,20 | XCSE | 20180426 11:55:43.529873 |
| 250  | 295,20 | XCSE | 20180426 11:55:43.529873 |
| 90   | 295,20 | XCSE | 20180426 11:55:43.529873 |
| 100  | 295,20 | XCSE | 20180426 11:55:43.529873 |
| 1500 | 295,00 | BATP | 20180426 11:57:42.286000 |
| 45   | 295,10 | TRQX | 20180426 12:21:51.771207 |
| 90   | 295,10 | BATE | 20180426 12:21:51.771090 |
| 100  | 295,10 | CHIX | 20180426 12:21:51.771328 |

|      |        |      |                          |
|------|--------|------|--------------------------|
| 172  | 295,10 | CHIX | 20180426 12:21:51.771328 |
| 220  | 295,10 | CHIX | 20180426 12:21:51.771328 |
| 154  | 295,10 | CHIX | 20180426 12:21:51.771328 |
| 445  | 295,10 | XCSE | 20180426 12:21:51.772595 |
| 138  | 295,10 | XCSE | 20180426 12:21:51.772595 |
| 124  | 295,10 | XCSE | 20180426 12:21:51.772595 |
| 250  | 295,10 | XCSE | 20180426 12:21:51.772595 |
| 112  | 295,00 | TRQX | 20180426 12:24:41.298417 |
| 150  | 295,00 | AQXE | 20180426 12:24:41.298541 |
| 125  | 295,00 | AQXE | 20180426 12:24:41.298541 |
| 324  | 295,00 | XCSE | 20180426 12:24:41.299984 |
| 101  | 295,00 | XCSE | 20180426 12:24:41.299984 |
| 1000 | 294,95 | BATP | 20180426 12:26:58.519000 |
| 1000 | 294,95 | BATP | 20180426 12:34:16.396000 |
| 129  | 295,00 | AQXE | 20180426 12:41:33.830964 |
| 82   | 295,00 | AQXE | 20180426 12:41:33.830964 |
| 150  | 295,00 | XCSE | 20180426 12:41:33.832462 |
| 250  | 295,00 | XCSE | 20180426 12:41:33.832462 |
| 250  | 295,00 | XCSE | 20180426 12:41:33.832462 |
| 368  | 295,00 | XCSE | 20180426 12:41:33.832462 |
| 81   | 295,00 | XCSE | 20180426 12:41:33.832462 |
| 190  | 295,00 | XCSE | 20180426 12:41:33.832462 |
| 65   | 295,00 | TRQX | 20180426 12:48:28.519474 |
| 198  | 295,00 | BATE | 20180426 12:48:28.519370 |
| 138  | 295,00 | CHIX | 20180426 12:48:28.519593 |
| 109  | 295,00 | CHIX | 20180426 12:48:28.519593 |
| 98   | 295,00 | XCSE | 20180426 12:48:28.520846 |
| 56   | 295,00 | XCSE | 20180426 12:48:28.520846 |
| 76   | 295,00 | XCSE | 20180426 12:48:28.520846 |
| 567  | 295,00 | XCSE | 20180426 12:48:28.520846 |
| 100  | 295,00 | XCSE | 20180426 12:48:28.520846 |
| 185  | 295,00 | XCSE | 20180426 12:48:28.520846 |
| 76   | 295,00 | XCSE | 20180426 12:48:28.520846 |
| 94   | 295,00 | XCSE | 20180426 12:48:28.520846 |
| 22   | 295,00 | XCSE | 20180426 12:48:28.520846 |
| 16   | 295,10 | CHIX | 20180426 13:03:01.925975 |
| 8    | 295,10 | TRQX | 20180426 13:03:12.156113 |
| 12   | 295,10 | BATE | 20180426 13:03:12.155831 |
| 16   | 295,10 | CHIX | 20180426 13:03:12.155954 |
| 8    | 295,10 | TRQX | 20180426 13:03:12.177550 |
| 6    | 295,10 | CHIX | 20180426 13:03:12.177239 |
| 10   | 295,10 | CHIX | 20180426 13:03:12.177362 |
| 62   | 295,10 | XCSE | 20180426 13:03:12.166218 |
| 12   | 295,10 | BATE | 20180426 13:03:12.177361 |
| 16   | 295,10 | CHIX | 20180426 13:03:12.183783 |
| 16   | 295,10 | CHIX | 20180426 13:03:12.190100 |
| 62   | 295,10 | XCSE | 20180426 13:03:12.219949 |
| 16   | 295,10 | CHIX | 20180426 13:03:20.806490 |
| 14   | 295,10 | CHIX | 20180426 13:03:30.401581 |
| 62   | 295,10 | XCSE | 20180426 13:04:07.492714 |
| 1000 | 294,95 | BATP | 20180426 13:01:35.750000 |
| 2380 | 294,90 | BATP | 20180426 13:19:05.991000 |



|      |        |      |                          |
|------|--------|------|--------------------------|
| 1000 | 294,75 | BATP | 20180426 13:17:16.548000 |
| 25   | 295,05 | UBSI | 20180426 13:31:08.862000 |
| 1975 | 295,00 | BATP | 20180426 13:31:14.177000 |
| 145  | 295,00 | TRQX | 20180426 13:31:14.031854 |
| 127  | 295,00 | BATE | 20180426 13:31:14.031790 |
| 100  | 295,00 | CHIX | 20180426 13:31:14.031962 |
| 250  | 295,00 | XCSE | 20180426 13:31:14.033329 |
| 112  | 295,00 | XCSE | 20180426 13:31:14.033329 |
| 250  | 295,00 | XCSE | 20180426 13:31:14.033329 |
| 516  | 294,95 | BATP | 20180426 13:32:01.428000 |
| 1000 | 294,95 | BATP | 20180426 13:32:13.259000 |
| 1000 | 294,95 | BATP | 20180426 13:45:57.074000 |
| 49   | 295,10 | BATE | 20180426 13:50:33.036168 |
| 50   | 295,10 | CHIX | 20180426 13:50:33.036386 |
| 169  | 295,10 | CHIX | 20180426 13:50:33.036386 |
| 90   | 295,10 | XCSE | 20180426 13:50:33.037652 |
| 250  | 295,10 | XCSE | 20180426 13:50:33.037652 |
| 250  | 295,10 | XCSE | 20180426 13:50:33.037652 |
| 142  | 295,10 | XCSE | 20180426 13:50:33.037652 |
| 234  | 295,00 | TRQX | 20180426 13:55:29.641329 |
| 234  | 295,00 | AQXE | 20180426 13:55:29.641259 |
| 89   | 295,00 | CHIX | 20180426 13:55:29.641485 |
| 214  | 295,00 | CHIX | 20180426 13:55:29.641485 |
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| 80   | 295,00 | XCSE | 20180426 13:55:29.645792 |
| 106  | 295,00 | XCSE | 20180426 13:55:29.645792 |
| 250  | 295,00 | XCSE | 20180426 13:55:29.645792 |
| 250  | 295,00 | XCSE | 20180426 13:55:29.645792 |
| 40   | 295,00 | TRQX | 20180426 13:55:29.816752 |
| 10   | 295,00 | BATE | 20180426 13:55:29.817050 |
| 23   | 295,00 | BATE | 20180426 13:55:29.817101 |
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| 23   | 295,00 | BATE | 20180426 13:55:29.817121 |
| 56   | 295,00 | BATE | 20180426 13:55:29.837135 |
| 6    | 295,00 | CHIX | 20180426 13:55:29.837380 |
| 150  | 295,00 | XCSE | 20180426 13:55:29.828531 |
| 155  | 295,00 | XCSE | 20180426 13:55:29.828531 |
| 13   | 295,00 | BATE | 20180426 13:55:29.849293 |
| 45   | 295,30 | XCSE | 20180426 14:06:05.131305 |
| 363  | 295,30 | XCSE | 20180426 14:06:05.131305 |
| 75   | 295,30 | XCSE | 20180426 14:06:05.131305 |
| 214  | 295,30 | XCSE | 20180426 14:06:05.152359 |
| 303  | 295,30 | XCSE | 20180426 14:06:05.152363 |
| 173  | 295,00 | TRQX | 20180426 14:08:22.715162 |
| 90   | 295,00 | BATE | 20180426 14:08:22.715094 |
| 251  | 295,00 | CHIX | 20180426 14:08:22.715344 |
| 43   | 295,00 | XCSE | 20180426 14:08:22.716568 |
| 100  | 295,00 | XCSE | 20180426 14:08:22.716568 |
| 96   | 295,00 | BATE | 20180426 14:08:58.911639 |
| 110  | 295,10 | BATE | 20180426 14:22:45.644224 |
| 67   | 295,10 | XCSE | 20180426 14:22:45.645432 |
| 370  | 295,10 | XCSE | 20180426 14:22:45.645432 |

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| 21   | 295,10 | XCSE | 20180426 14:22:45.645432 |
| 150  | 295,10 | AQXE | 20180426 14:23:12.174327 |
| 125  | 295,10 | AQXE | 20180426 14:23:12.174327 |
| 90   | 295,10 | BATE | 20180426 14:23:12.174461 |
| 41   | 295,10 | CHIX | 20180426 14:23:12.174545 |
| 294  | 295,10 | XCSE | 20180426 14:23:12.175622 |
| 250  | 295,10 | XCSE | 20180426 14:23:12.175622 |
| 250  | 295,10 | XCSE | 20180426 14:23:12.175622 |
| 239  | 295,10 | TRQX | 20180426 14:24:57.273053 |
| 143  | 295,10 | AQXE | 20180426 14:24:57.273006 |
| 59   | 295,10 | BATE | 20180426 14:24:57.272674 |
| 50   | 295,10 | CHIX | 20180426 14:24:57.273101 |
| 206  | 295,10 | CHIX | 20180426 14:24:57.273101 |
| 203  | 295,10 | XCSE | 20180426 14:24:57.274341 |
| 196  | 295,10 | XCSE | 20180426 14:24:57.274341 |
| 52   | 295,10 | XCSE | 20180426 14:24:57.274341 |
| 258  | 295,10 | XCSE | 20180426 14:24:57.274341 |
| 250  | 295,10 | XCSE | 20180426 14:24:57.274341 |
| 250  | 295,10 | XCSE | 20180426 14:24:57.274341 |
| 94   | 295,10 | XCSE | 20180426 14:24:57.274341 |
| 56   | 295,05 | BATP | 20180426 14:30:38.342000 |
| 50   | 295,05 | BATP | 20180426 14:30:38.342000 |
| 6    | 295,05 | BATP | 20180426 14:30:38.342000 |
| 107  | 295,00 | CHIX | 20180426 14:31:30.509305 |
| 97   | 295,00 | XCSE | 20180426 14:31:30.512443 |
| 281  | 295,00 | XCSE | 20180426 14:31:30.512443 |
| 2382 | 294,95 | BATP | 20180426 14:31:54.305000 |
| 72   | 294,70 | XCSE | 20180426 14:45:04.672000 |
| 121  | 294,75 | BATP | 20180426 14:45:04.742000 |
| 57   | 294,80 | XCSE | 20180426 14:46:41.369000 |
| 44   | 294,85 | BATP | 20180426 14:47:00.442000 |
| 43   | 294,90 | XCSE | 20180426 14:47:10.047000 |
| 42   | 294,90 | XCSE | 20180426 14:48:05.632000 |
| 42   | 294,80 | XCSE | 20180426 14:48:31.721000 |
| 48   | 294,75 | BATP | 20180426 14:48:31.776000 |
| 54   | 294,75 | BATP | 20180426 14:48:31.776000 |
| 115  | 294,70 | XCSE | 20180426 14:48:31.773000 |
| 5000 | 294,95 | BATP | 20180426 14:49:44.082000 |
| 118  | 295,00 | BATE | 20180426 14:54:00.062571 |
| 198  | 295,00 | BATE | 20180426 14:54:00.062571 |
| 152  | 295,00 | XCSE | 20180426 14:54:00.064172 |
| 6000 | 295,00 | BATP | 20180426 14:59:43.808000 |
| 45   | 295,00 | CHIX | 20180426 14:59:43.791709 |
| 189  | 295,00 | CHIX | 20180426 14:59:43.791709 |
| 50   | 295,00 | CHIX | 20180426 14:59:43.791709 |
| 130  | 295,00 | CHIX | 20180426 14:59:43.791709 |
| 86   | 295,00 | XCSE | 20180426 14:59:43.793295 |
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| 250  | 295,00 | XCSE | 20180426 14:59:43.793295 |
| 20   | 295,10 | CHIX | 20180426 15:00:40.418380 |
| 115  | 295,10 | XCSE | 20180426 15:00:40.420065 |
| 98   | 295,10 | XCSE | 20180426 15:00:40.420065 |



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| 257  | 295,10 | XCSE | 20180426 15:00:40.420065 |
| 194  | 295,10 | XCSE | 20180426 15:00:40.420065 |
| 250  | 295,10 | XCSE | 20180426 15:00:40.420065 |
| 250  | 295,10 | XCSE | 20180426 15:00:40.420065 |
| 147  | 295,10 | AQXE | 20180426 15:01:46.656984 |
| 125  | 295,10 | AQXE | 20180426 15:01:46.656984 |
| 90   | 295,10 | BATE | 20180426 15:01:46.657004 |
| 100  | 295,10 | CHIX | 20180426 15:01:46.657361 |
| 60   | 295,10 | CHIX | 20180426 15:01:46.657361 |
| 75   | 295,10 | CHIX | 20180426 15:01:46.657361 |
| 150  | 295,10 | XCSE | 20180426 15:01:46.658301 |
| 250  | 295,10 | XCSE | 20180426 15:01:46.658301 |
| 194  | 295,10 | XCSE | 20180426 15:01:46.658301 |
| 4    | 295,10 | CHIX | 20180426 15:01:46.827280 |
| 100  | 295,10 | CHIX | 20180426 15:01:46.827280 |
| 5    | 295,10 | TRQX | 20180426 15:01:46.986503 |
| 28   | 295,10 | TRQX | 20180426 15:01:46.986684 |
| 47   | 295,10 | BATE | 20180426 15:01:46.986866 |
| 67   | 295,10 | CHIX | 20180426 15:01:46.986864 |
| 130  | 295,10 | XCSE | 20180426 15:01:46.997968 |
| 127  | 295,10 | XCSE | 20180426 15:01:46.997968 |
| 11   | 295,10 | XCSE | 20180426 15:01:47.033751 |
| 3000 | 295,00 | BATP | 20180426 15:19:06.868000 |
| 51   | 295,00 | AQXE | 20180426 15:19:06.774200 |
| 172  | 295,00 | BATE | 20180426 15:19:06.774364 |
| 44   | 295,00 | CHIX | 20180426 15:19:06.774561 |
| 110  | 295,00 | CHIX | 20180426 15:19:06.774561 |
| 49   | 295,00 | CHIX | 20180426 15:19:06.774561 |
| 100  | 295,00 | CHIX | 20180426 15:19:06.774561 |
| 171  | 295,00 | XCSE | 20180426 15:19:06.777681 |
| 112  | 295,00 | XCSE | 20180426 15:19:06.777681 |
| 67   | 295,00 | XCSE | 20180426 15:19:06.777681 |
| 250  | 295,00 | XCSE | 20180426 15:19:06.777681 |
| 250  | 295,00 | XCSE | 20180426 15:19:06.777681 |
| 10   | 295,00 | TRQX | 20180426 15:19:07.485091 |
| 20   | 295,00 | CHIX | 20180426 15:19:07.485272 |
| 14   | 295,00 | BATE | 20180426 15:19:07.485284 |
| 77   | 295,00 | XCSE | 20180426 15:19:07.474883 |
| 3    | 295,00 | XCSE | 20180426 15:19:07.542009 |
| 149  | 295,10 | AQXE | 20180426 15:29:28.989896 |
| 125  | 295,10 | AQXE | 20180426 15:29:28.989896 |
| 17   | 295,10 | BATE | 20180426 15:29:28.989945 |
| 75   | 295,10 | CHIX | 20180426 15:29:28.990171 |
| 136  | 295,10 | CHIX | 20180426 15:29:28.990171 |
| 187  | 295,10 | XCSE | 20180426 15:29:28.997485 |
| 302  | 295,10 | XCSE | 20180426 15:29:28.997485 |
| 5    | 295,10 | XCSE | 20180426 15:29:28.997485 |
| 104  | 295,10 | XCSE | 20180426 15:29:28.997485 |
| 100  | 295,10 | XCSE | 20180426 15:29:29.180694 |
| 250  | 295,20 | XCSE | 20180426 15:29:46.056710 |
| 75   | 295,20 | XCSE | 20180426 15:29:46.056710 |
| 187  | 295,20 | XCSE | 20180426 15:29:46.056710 |

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| 677 | 294,40 | XCSE | 20180426 15:43:54.262173 |
| 111 | 294,40 | XCSE | 20180426 15:43:54.262173 |
| 114 | 294,35 | BATP | 20180426 15:44:07.365000 |
| 178 | 294,35 | BATP | 20180426 15:44:07.390000 |
| 57  | 294,40 | AQXE | 20180426 15:44:51.970000 |
| 131 | 294,40 | AQXE | 20180426 15:44:51.970000 |
| 47  | 294,40 | BATE | 20180426 15:44:51.986000 |
| 188 | 294,45 | BATP | 20180426 15:44:51.993000 |
| 84  | 294,60 | CHIX | 20180426 15:45:10.461000 |
| 52  | 294,60 | TRQX | 20180426 15:45:10.467000 |
| 76  | 294,45 | BATP | 20180426 15:45:38.133000 |
| 40  | 294,40 | XCSE | 20180426 15:45:38.147000 |
| 45  | 294,60 | BATE | 20180426 15:45:52.151000 |
| 100 | 294,60 | CHIX | 20180426 15:45:52.156000 |
| 21  | 294,60 | CHIX | 20180426 15:45:52.156000 |
| 59  | 294,60 | BATP | 20180426 15:47:35.638000 |
| 60  | 294,40 | BATP | 20180426 15:48:28.493000 |
| 189 | 294,40 | BATP | 20180426 15:48:28.493000 |
| 38  | 294,40 | BATE | 20180426 15:48:39.779000 |
| 105 | 294,40 | BATP | 20180426 15:48:39.789000 |
| 43  | 294,20 | XCSE | 20180426 15:49:06.880000 |
| 114 | 294,25 | BATP | 20180426 15:49:06.906000 |
| 40  | 294,20 | XCSE | 20180426 15:49:06.905000 |
| 84  | 294,25 | UBSI | 20180426 15:50:14.482000 |
| 84  | 294,25 | BATP | 20180426 15:50:14.782000 |
| 44  | 294,30 | XCSE | 20180426 15:50:15.289000 |
| 41  | 294,20 | XCSE | 20180426 15:50:15.334000 |
| 127 | 294,25 | BATP | 20180426 15:50:15.387000 |
| 72  | 294,35 | UBSI | 20180426 15:51:45.655000 |
| 45  | 294,35 | UBSI | 20180426 15:51:45.658000 |
| 102 | 294,35 | UBSI | 20180426 15:51:45.659000 |
| 158 | 294,55 | UBSI | 20180426 15:51:50.634000 |
| 71  | 294,55 | UBSI | 20180426 15:51:50.634000 |
| 196 | 294,55 | BATP | 20180426 15:51:50.683000 |
| 46  | 294,55 | BATP | 20180426 15:52:03.074000 |
| 65  | 294,70 | UBSI | 20180426 15:52:10.050000 |
| 43  | 294,70 | UBSI | 20180426 15:52:10.053000 |
| 46  | 294,65 | UBSI | 20180426 15:52:16.469000 |
| 46  | 294,70 | XCSE | 20180426 15:52:16.486000 |
| 68  | 294,75 | UBSI | 20180426 15:53:41.380000 |
| 51  | 294,70 | XCSE | 20180426 15:53:41.476000 |
| 39  | 294,80 | XCSE | 20180426 15:53:41.512000 |
| 101 | 294,85 | BATP | 20180426 15:53:41.543000 |
| 47  | 294,70 | XCSE | 20180426 15:54:15.814000 |
| 68  | 294,80 | CHIX | 20180426 15:54:16.541000 |
| 41  | 294,80 | BATE | 20180426 15:54:16.562000 |
| 80  | 294,80 | UBSI | 20180426 15:54:34.938000 |
| 46  | 294,80 | UBSI | 20180426 15:54:35.031000 |
| 47  | 294,75 | UBSI | 20180426 15:54:51.120000 |
| 43  | 294,75 | BATP | 20180426 15:54:51.167000 |
| 61  | 294,75 | UBSI | 20180426 15:55:25.289000 |
| 48  | 294,65 | UBSI | 20180426 15:55:25.321000 |

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| 39  | 294,65 | BATP | 20180426 15:55:25.363000 |
| 43  | 294,65 | UBSI | 20180426 15:55:36.137000 |
| 39  | 294,70 | XCSE | 20180426 15:55:36.167000 |
| 45  | 294,50 | XCSE | 20180426 15:56:13.592000 |
| 92  | 294,50 | CHIX | 20180426 15:56:13.604000 |
| 227 | 294,55 | BATP | 20180426 15:56:13.611000 |
| 56  | 294,55 | BATP | 20180426 15:56:13.611000 |
| 85  | 294,65 | UBSI | 20180426 15:56:13.614000 |
| 224 | 294,70 | BATP | 20180426 15:56:54.422000 |
| 128 | 294,70 | BATP | 20180426 15:56:54.422000 |
| 184 | 294,85 | BATP | 20180426 15:57:25.869000 |
| 113 | 294,85 | BATP | 20180426 15:57:25.869000 |
| 57  | 294,90 | XCSE | 20180426 16:00:38.717000 |
| 57  | 294,90 | XCSE | 20180426 16:00:38.734000 |
| 61  | 294,95 | UBSI | 20180426 16:00:39.279000 |
| 318 | 295,10 | XCSE | 20180426 16:05:23.016000 |
| 132 | 295,10 | XCSE | 20180426 16:05:23.017000 |
| 859 | 295,10 | XCSE | 20180426 16:05:23.017000 |
| 160 | 295,10 | XCSE | 20180426 16:05:23.017000 |
| 50  | 295,10 | XCSE | 20180426 16:05:23.037000 |
| 400 | 295,10 | XCSE | 20180426 16:05:23.038000 |
| 100 | 295,10 | XCSE | 20180426 16:05:23.039000 |
| 94  | 295,10 | XCSE | 20180426 16:05:31.459000 |
| 3   | 295,10 | XCSE | 20180426 16:06:32.039000 |
| 158 | 295,10 | XCSE | 20180426 16:07:15.946000 |
| 95  | 295,10 | XCSE | 20180426 16:07:26.102000 |
| 348 | 295,10 | XCSE | 20180426 16:07:26.102000 |
| 102 | 295,10 | XCSE | 20180426 16:07:26.102000 |
| 155 | 295,10 | XCSE | 20180426 16:07:26.102000 |
| 450 | 295,10 | XCSE | 20180426 16:07:26.123000 |
| 3   | 295,10 | XCSE | 20180426 16:07:26.131000 |
| 90  | 295,10 | XCSE | 20180426 16:07:46.283000 |
| 160 | 295,10 | XCSE | 20180426 16:07:49.020000 |
| 159 | 295,10 | XCSE | 20180426 16:07:49.020000 |
| 38  | 295,10 | XCSE | 20180426 16:07:49.020000 |
| 12  | 295,10 | XCSE | 20180426 16:07:49.020000 |
| 114 | 295,10 | XCSE | 20180426 16:07:49.020000 |
| 56  | 295,00 | TRQX | 20180426 16:02:48.559216 |
| 29  | 295,00 | BATE | 20180426 16:02:48.559145 |
| 75  | 295,00 | BATE | 20180426 16:02:48.559145 |
| 47  | 295,00 | XCSE | 20180426 16:02:48.563948 |
| 44  | 295,00 | TRQX | 20180426 16:03:45.042210 |
| 4   | 295,00 | BATE | 20180426 16:03:45.041951 |
| 58  | 295,00 | BATE | 20180426 16:03:45.042079 |
| 87  | 295,00 | CHIX | 20180426 16:03:45.042073 |
| 99  | 295,00 | XCSE | 20180426 16:03:45.052497 |
| 76  | 295,00 | XCSE | 20180426 16:03:45.053289 |
| 138 | 295,00 | XCSE | 20180426 16:03:45.053905 |
| 14  | 295,00 | TRQX | 20180426 16:03:50.774266 |
| 23  | 295,00 | XCSE | 20180426 16:03:50.763980 |
| 103 | 295,10 | CHIX | 20180426 16:08:02.194539 |
| 149 | 295,10 | CHIX | 20180426 16:08:02.194539 |

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| 152 | 295,10 | CHIX | 20180426 16:08:02.194539 |
| 65  | 295,10 | CHIX | 20180426 16:08:02.194539 |
| 194 | 295,10 | XCSE | 20180426 16:08:02.196752 |
| 38  | 295,10 | XCSE | 20180426 16:08:02.196752 |
| 250 | 295,10 | XCSE | 20180426 16:08:02.196752 |
| 250 | 295,10 | XCSE | 20180426 16:08:02.196752 |
| 100 | 295,10 | XCSE | 20180426 16:08:02.196752 |
| 2   | 295,10 | XCSE | 20180426 16:08:02.196752 |
| 197 | 295,10 | XCSE | 20180426 16:08:02.196752 |
| 100 | 295,20 | CHIX | 20180426 16:08:10.459005 |
| 164 | 295,20 | XCSE | 20180426 16:08:10.461551 |
| 194 | 295,20 | XCSE | 20180426 16:08:10.461551 |
| 59  | 295,10 | AQXE | 20180426 16:08:24.465988 |
| 125 | 295,10 | AQXE | 20180426 16:08:24.465988 |
| 185 | 295,10 | BATE | 20180426 16:08:24.466135 |
| 138 | 295,10 | CHIX | 20180426 16:08:24.466325 |
| 103 | 295,10 | CHIX | 20180426 16:08:24.466325 |
| 75  | 295,10 | CHIX | 20180426 16:08:24.466325 |
| 100 | 295,10 | XCSE | 20180426 16:08:24.467319 |
| 24  | 295,00 | TRQX | 20180426 16:13:22.399222 |
| 8   | 295,00 | AQXE | 20180426 16:13:22.399173 |
| 48  | 295,00 | CHIX | 20180426 16:13:22.399207 |
| 34  | 295,00 | BATE | 20180426 16:13:22.399229 |
| 24  | 295,00 | TRQX | 20180426 16:13:22.406128 |
| 8   | 295,00 | AQXE | 20180426 16:13:22.406494 |
| 48  | 295,00 | CHIX | 20180426 16:13:22.406583 |
| 48  | 295,00 | CHIX | 20180426 16:13:22.413063 |
| 24  | 295,00 | TRQX | 20180426 16:13:22.415938 |
| 34  | 295,00 | BATE | 20180426 16:13:22.416067 |
| 186 | 295,00 | XCSE | 20180426 16:13:22.405631 |
| 48  | 295,00 | CHIX | 20180426 16:13:22.420681 |
| 24  | 295,00 | TRQX | 20180426 16:13:22.422806 |
| 34  | 295,00 | BATE | 20180426 16:13:22.423291 |
| 48  | 295,00 | CHIX | 20180426 16:13:22.427423 |
| 24  | 295,00 | TRQX | 20180426 16:13:22.428595 |
| 34  | 295,00 | BATE | 20180426 16:13:22.434111 |
| 148 | 295,00 | XCSE | 20180426 16:13:22.435297 |
| 38  | 295,00 | XCSE | 20180426 16:13:22.444419 |
| 179 | 295,00 | XCSE | 20180426 16:13:22.474661 |
| 7   | 295,00 | XCSE | 20180426 16:13:24.779194 |
| 2   | 295,00 | CHIX | 20180426 16:13:39.997438 |
| 186 | 295,00 | XCSE | 20180426 16:13:40.002386 |
| 8   | 295,00 | XCSE | 20180426 16:13:41.002301 |
| 100 | 295,40 | XCSE | 20180426 16:19:33.519436 |
| 110 | 295,40 | XCSE | 20180426 16:19:33.519436 |
| 100 | 295,40 | XCSE | 20180426 16:19:33.519436 |
| 185 | 295,40 | XCSE | 20180426 16:19:33.519436 |
| 232 | 295,40 | XCSE | 20180426 16:19:33.519436 |
| 152 | 295,40 | XCSE | 20180426 16:19:33.519436 |
| 250 | 295,40 | XCSE | 20180426 16:19:33.519436 |
| 250 | 295,40 | XCSE | 20180426 16:19:33.519436 |
| 121 | 295,40 | XCSE | 20180426 16:19:33.519436 |

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| 201 | 295,40 | XCSE | 20180426 16:19:36.987349 |
| 250 | 295,40 | XCSE | 20180426 16:19:36.987349 |
| 250 | 295,40 | XCSE | 20180426 16:19:36.987349 |
| 245 | 295,40 | XCSE | 20180426 16:19:36.987349 |
| 50  | 295,40 | XCSE | 20180426 16:19:37.008093 |
| 2   | 295,40 | XCSE | 20180426 16:19:37.015972 |
| 502 | 295,40 | XCSE | 20180426 16:19:37.019116 |
| 150 | 295,40 | XCSE | 20180426 16:19:52.057609 |
| 211 | 295,40 | XCSE | 20180426 16:19:52.057609 |
| 250 | 295,40 | XCSE | 20180426 16:19:52.057609 |
| 97  | 295,40 | XCSE | 20180426 16:19:52.057609 |
| 179 | 295,40 | XCSE | 20180426 16:19:52.057609 |
| 113 | 295,40 | XCSE | 20180426 16:19:52.057609 |
| 150 | 296,00 | AQXE | 20180426 16:27:45.936447 |
| 25  | 296,00 | AQXE | 20180426 16:27:45.936447 |
| 110 | 296,00 | CHIX | 20180426 16:27:45.936567 |
| 20  | 296,00 | CHIX | 20180426 16:27:45.936567 |
| 67  | 296,00 | CHIX | 20180426 16:27:45.936567 |
| 86  | 296,00 | CHIX | 20180426 16:27:45.936567 |
| 118 | 296,00 | CHIX | 20180426 16:27:45.936567 |
| 115 | 296,00 | CHIX | 20180426 16:27:45.936567 |
| 125 | 296,00 | CHIX | 20180426 16:27:45.936567 |
| 150 | 296,00 | XCSE | 20180426 16:27:45.937869 |
| 259 | 296,00 | XCSE | 20180426 16:27:45.937869 |
| 180 | 296,00 | XCSE | 20180426 16:27:45.937869 |
| 277 | 296,00 | XCSE | 20180426 16:27:45.937869 |
| 118 | 296,00 | XCSE | 20180426 16:27:45.937869 |
| 100 | 296,00 | XCSE | 20180426 16:27:45.937869 |
| 8   | 296,00 | TRQX | 20180426 16:27:48.980603 |
| 214 | 295,90 | XCSE | 20180426 16:27:51.152112 |
| 171 | 295,90 | XCSE | 20180426 16:27:51.152112 |
| 182 | 295,90 | XCSE | 20180426 16:27:51.152112 |
| 122 | 295,90 | XCSE | 20180426 16:27:51.152112 |
| 250 | 295,90 | XCSE | 20180426 16:27:51.152112 |
| 136 | 295,90 | XCSE | 20180426 16:27:51.175751 |
| 425 | 295,90 | XCSE | 20180426 16:27:51.176445 |
| 176 | 296,25 | UBSI | 20180426 16:29:41.005000 |
| 32  | 296,25 | UBSI | 20180426 16:29:41.008000 |
| 27  | 296,25 | UBSI | 20180426 16:30:00.575000 |
| 42  | 296,30 | XCSE | 20180426 16:30:24.659000 |
| 45  | 296,30 | XCSE | 20180426 16:30:24.668000 |
| 123 | 296,30 | XCSE | 20180426 16:30:24.693000 |
| 52  | 296,40 | BATE | 20180426 16:30:32.309000 |
| 39  | 296,30 | BATE | 20180426 16:30:50.419000 |
| 51  | 296,30 | CHIX | 20180426 16:30:50.427000 |
| 38  | 296,40 | TRQX | 20180426 16:30:50.459000 |
| 40  | 296,40 | AQXE | 20180426 16:30:50.940000 |
| 45  | 296,40 | AQXE | 20180426 16:30:51.433000 |
| 52  | 296,30 | XCSE | 20180426 16:31:42.403000 |
| 43  | 296,40 | TRQX | 20180426 16:31:45.189000 |
| 65  | 296,40 | UBSI | 20180426 16:31:45.298000 |
| 43  | 296,30 | XCSE | 20180426 16:31:56.013000 |

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| 108  | 296,20 | XCSE | 20180426 16:31:56.064000 |
| 44   | 296,20 | XCSE | 20180426 16:32:01.072000 |
| 43   | 296,30 | TRQX | 20180426 16:32:10.588000 |
| 41   | 296,10 | XCSE | 20180426 16:32:54.530000 |
| 59   | 296,10 | XCSE | 20180426 16:32:54.556000 |
| 43   | 296,10 | XCSE | 20180426 16:32:54.556000 |
| 56   | 296,10 | XCSE | 20180426 16:32:54.556000 |
| 40   | 296,10 | CHIX | 20180426 16:32:54.671000 |
| 44   | 296,10 | CHIX | 20180426 16:32:54.675000 |
| 40   | 296,10 | XCSE | 20180426 16:33:32.977000 |
| 39   | 296,00 | XCSE | 20180426 16:33:33.029000 |
| 71   | 296,10 | XCSE | 20180426 16:33:52.930000 |
| 105  | 296,10 | AQXE | 20180426 16:33:52.945000 |
| 106  | 296,00 | BATE | 20180426 16:34:00.219000 |
| 125  | 296,00 | AQXE | 20180426 16:34:00.222000 |
| 106  | 296,00 | AQXE | 20180426 16:34:00.222000 |
| 55   | 295,90 | XCSE | 20180426 16:34:00.824000 |
| 70   | 296,00 | TRQX | 20180426 16:34:08.443000 |
| 65   | 296,00 | XCSE | 20180426 16:34:08.459000 |
| 5    | 296,00 | XCSE | 20180426 16:34:08.459000 |
| 45   | 296,00 | XCSE | 20180426 16:34:08.485000 |
| 49   | 296,10 | TRQX | 20180426 16:34:09.535000 |
| 37   | 296,00 | XCSE | 20180426 16:34:17.162000 |
| 3    | 296,00 | CHIX | 20180426 16:35:01.242000 |
| 44   | 296,00 | TRQX | 20180426 16:35:01.242000 |
| 4    | 296,00 | CHIX | 20180426 16:35:01.242000 |
| 38   | 296,00 | CHIX | 20180426 16:35:01.243000 |
| 83   | 296,00 | XCSE | 20180426 16:35:01.258000 |
| 93   | 295,80 | XCSE | 20180426 16:35:19.028000 |
| 59   | 295,80 | CHIX | 20180426 16:35:19.043000 |
| 40   | 295,90 | TRQX | 20180426 16:35:28.442000 |
| 45   | 295,80 | XCSE | 20180426 16:35:28.464000 |
| 53   | 295,80 | XCSE | 20180426 16:35:28.496000 |
| 47   | 295,80 | TRQX | 20180426 16:35:50.661000 |
| 5    | 295,80 | TRQX | 20180426 16:35:50.665000 |
| 53   | 295,70 | XCSE | 20180426 16:35:50.677000 |
| 44   | 295,70 | XCSE | 20180426 16:35:52.981000 |
| 1    | 295,80 | TRQX | 20180426 16:36:01.030000 |
| 40   | 295,80 | TRQX | 20180426 16:36:01.030000 |
| 50   | 295,70 | XCSE | 20180426 16:36:25.601000 |
| 66   | 296,00 | XCSE | 20180426 16:34:00.202084 |
| 129  | 296,00 | XCSE | 20180426 16:34:00.202084 |
| 111  | 296,00 | XCSE | 20180426 16:34:00.202084 |
| 226  | 296,00 | XCSE | 20180426 16:34:00.202084 |
| 100  | 296,00 | XCSE | 20180426 16:34:00.202084 |
| 1868 | 296,00 | XCSE | 20180426 16:34:00.202084 |
| 241  | 295,50 | XCSE | 20180426 16:40:04.741485 |
| 160  | 295,50 | XCSE | 20180426 16:40:04.741485 |
| 92   | 295,50 | XCSE | 20180426 16:44:47.596743 |
| 95   | 295,50 | XCSE | 20180426 16:44:47.596743 |
| 250  | 295,50 | XCSE | 20180426 16:44:47.596743 |
| 87   | 295,50 | XCSE | 20180426 16:44:47.596743 |



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| 114   | 295,50 | XCSE | 20180426 16:44:47.596743 |
| 41    | 295,50 | XCSE | 20180426 16:44:47.630102 |
| 1     | 295,50 | XCSE | 20180426 16:44:48.677326 |
| 18    | 295,50 | TRQX | 20180426 16:45:30.488000 |
| 223   | 295,40 | XCSE | 20180426 16:45:30.503000 |
| 50    | 295,50 | TRQX | 20180426 16:46:06.593000 |
| 50    | 295,50 | TRQX | 20180426 16:46:06.593000 |
| 108   | 295,50 | XCSE | 20180426 16:46:06.604000 |
| 131   | 295,50 | XCSE | 20180426 16:46:06.605000 |
| 118   | 295,50 | TRQX | 20180426 16:46:06.618000 |
| 51    | 295,50 | XCSE | 20180426 16:46:06.628000 |
| 67    | 295,50 | XCSE | 20180426 16:46:06.629000 |
| 131   | 295,50 | XCSE | 20180426 16:46:06.630000 |
| 69    | 295,60 | XCSE | 20180426 16:47:01.868000 |
| 164   | 295,60 | XCSE | 20180426 16:47:01.869000 |
| 150   | 295,60 | AQXE | 20180426 16:47:01.881000 |
| 160   | 295,60 | CHIX | 20180426 16:47:01.909000 |
| 100   | 295,50 | XCSE | 20180426 16:48:04.289000 |
| 2     | 295,50 | XCSE | 20180426 16:48:09.886000 |
| 134   | 295,50 | BATE | 20180426 16:48:38.722000 |
| 87    | 295,50 | XCSE | 20180426 16:48:38.711000 |
| 85    | 295,50 | TRQX | 20180426 16:48:38.722000 |
| 113   | 295,50 | TRQX | 20180426 16:48:38.722000 |
| 103   | 295,30 | CHIX | 20180426 16:50:04.689000 |
| 111   | 295,30 | CHIX | 20180426 16:50:04.690000 |
| 1     | 295,30 | CHIX | 20180426 16:50:04.690000 |
| 91    | 295,30 | CHIX | 20180426 16:50:04.710000 |
| 150   | 295,40 | TRQX | 20180426 16:50:33.606000 |
| 58    | 295,40 | TRQX | 20180426 16:50:33.606000 |
| 94    | 295,30 | TRQX | 20180426 16:51:26.228000 |
| 85    | 295,30 | BATE | 20180426 16:51:26.229000 |
| 43    | 295,30 | XCSE | 20180426 16:51:26.239000 |
| 191   | 295,10 | TRQX | 20180426 16:52:12.377000 |
| 100   | 295,00 | XCSE | 20180426 16:52:40.622000 |
| 56    | 295,00 | XCSE | 20180426 16:52:40.622000 |
| 100   | 295,00 | XCSE | 20180426 16:52:40.622000 |
| 50    | 295,00 | XCSE | 20180426 16:52:40.622000 |
| 10    | 295,00 | XCSE | 20180426 16:53:05.151000 |
| 113   | 295,00 | XCSE | 20180426 16:53:05.151000 |
| 4     | 295,00 | XCSE | 20180426 16:53:05.151000 |
| 5     | 295,00 | XCSE | 20180426 16:53:05.151000 |
| 31    | 295,00 | XCSE | 20180426 16:53:05.151000 |
| 1     | 295,00 | XCSE | 20180426 16:53:05.151000 |
| 2     | 295,00 | XCSE | 20180426 16:53:05.151000 |
| 8     | 295,00 | XCSE | 20180426 16:53:05.151000 |
| 50    | 295,00 | XCSE | 20180426 16:53:05.151000 |
| 141   | 295,10 | CHIX | 20180426 16:53:58.208000 |
| 127   | 295,10 | XCSE | 20180426 16:53:58.218000 |
| 264   | 295,20 | XCSE | 20180426 16:54:03.418000 |
| 781   | 295,00 | XCSE | 20180426 16:59:46.539000 |
| 12002 | 295,00 | XCSE | 20180426 16:59:46.539000 |
| 39    | 295,00 | XCSE | 20180426 16:59:46.539000 |

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|------|--------|------|--------------------------|
| 75   | 295,00 | XCSE | 20180426 16:59:46.539000 |
| 1076 | 295,00 | XCSE | 20180426 16:59:46.539000 |
| 70   | 295,00 | XCSE | 20180426 16:59:46.539000 |
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| 1482 | 295,00 | XCSE | 20180426 16:59:46.539000 |
| 512  | 295,00 | XCSE | 20180426 16:59:46.539000 |
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| 126  | 295,00 | XCSE | 20180426 16:59:46.539000 |
| 1567 | 295,00 | XCSE | 20180426 16:59:46.539000 |
| 364  | 295,00 | XCSE | 20180426 16:59:46.539000 |
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| 54   | 295,00 | XCSE | 20180426 16:59:46.539000 |
| 870  | 295,00 | XCSE | 20180426 16:59:46.539000 |
| 790  | 295,00 | XCSE | 20180426 16:59:46.539000 |
| 582  | 295,00 | XCSE | 20180426 16:59:46.539000 |

About Novozymes

Novozymes is the world leader in biological solutions. Together with customers, partners and the global community, we improve industrial performance while preserving the planet’s resources and helping build better lives. As the world’s largest provider of enzyme and microbial technologies, our bioinnovation enables higher agricultural yields, low-temperature washing, energy-efficient production, renewable fuel and many other benefits that we rely on today and in the future. We call it Rethink Tomorrow. [www.novozymes.com](http://www.novozymes.com)

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