



**ORCHID VENTURES ANNOUNCES PURTEC DELIVERY SYSTEMS NEW R1
TECHNOLOGY PASS EMISSIONS TESTING WITH FLYING COLORS**

Vancouver, British Columbia – April 28, 2021 – Orchid Ventures, Inc. (the “**Company**” or “**Orchid**”) (CSE: ORCD OTC: ORVRD) announces that the Company has completed emissions testing with Enthalpy Analytical for their PurCore R1 510-thread cartridges and disposables. As seen in the reports (provided below), the products came back with flawless results containing no trace elements in the vapor tested against AFNOR standards, the strictest emissions standards set by the European Union. Tested compounds include Arsenic, Cadmium, Chromium, Lead, and Nickel. All PurTec products undergo the most stringent testing including emissions testing, leach testing, and dozens of manufacturing testing protocols to ensure the highest level of consumer safety.




PurTec Designs
Test Results For Metals in Aerosol

Brand / Description	Arsenic ug/100 puffs	Cadmium ug/100 puffs	Chromium ug/100 puffs	Lead ug/100 puffs	Nickel ug/100 puffs	Pass/Fail
PurCoreR1 Summit Cartridge	0.00000	0.00000	0.00000	0.00000	0.00000	P
Permissible Limit	1.00	1.00	1.50	2.50	2.50	

Samples submitted above have been tested and evaluated against the permissible limits from the target values for elements emitted in 100 puffs (µg). This is in accordance with AFNOR's Electronic cigarettes and e-liquids – Part 3: Requirements and test methods for emissions (20 July 2018).

Enthalpy Analytical is an AZLA Accredited laboratory and meets the requirements of ISO/IEC 17025-2017 "General Requirements for the Competence of Testing and Calibration Laboratories" and any additional program requirements in the identified field of testing. Testing and calibration laboratories that comply with this International Standard also operate in accordance with ISO 9001.

Study Sponsor:	<i>Corey Maugold</i> _____ Signature	04/26/2021 _____ Date
Company:	PurTec Delivery Systems	
Street:	1220 Main Street, Suite 400	
City, State, Postal Code:	Vancouver, WA 98660	
Quality Assurance:	<small>Electronically signed by: Mark Johnson (ME@marjohnson.com) Date: Wednesday, April 21, 2021 8:51:10 AM (GMT-04:00) Reason: QA Reviewed</small>  _____ Signature	_____ Date
Project code:	0321-012	
Test completion date:	22-Mar-21	

Show Above: Results for PurCore R1 Summit Cartridge



PurTec Designs
Test Results For Metals in Aerosol

Brand / Description	Arsenic ug/100 puffs	Cadmium ug/100 puffs	Chromium ug/100 puffs	Lead ug/100 puffs	Nickel ug/100 puffs	Pass/Fail
PurCoreR1-K2 Device	0.00000	0.00000	0.00000	0.00000	0.00000	P
Permissible Limit	1.00	1.00	1.50	2.50	2.50	


Samples submitted above have been tested and evaluated against the permissible limits from the target values for elements emitted in 100 puffs (µg). This is in accordance with AFNOR's Electronic cigarettes and e-liquids -- Part 3: Requirements and test methods for emissions (20 July 2016).

Enthalpy Analytical is an AZLA Accredited laboratory and meets the requirements of ISO/IEC 17025:2017 "General Requirements for the Competence of Testing and Calibration Laboratories" and any additional program requirements in the identified field of testing. Testing and calibration laboratories that comply with this International Standard also operate in accordance with ISO 9001.

Corey Mangold

Study Sponsor: _____ 04/26/2021
Signature Date

Company: PurTec Delivery Systems
 Street: 1220 Main Street, Suite 400
 City, State, Postal Code: Vancouver, WA 98660

Electronically signed by: Mark Johnson (MEG/markjohnson)
 Date: Wednesday, April 21, 2021 8:52:28 AM (GMT -0400)
 Reason: QA Reviewed


Quality Assurance: _____
Signature Date

Project code: 0321-012
 Test completion date: 22-Mar-21

Show Above: Results for PurCore R1 K2 Disposable Device

PurTec products are one of the only products on the market made entirely with FDA approved materials, ROHS and REACH standard compliant materials, and most importantly 316L medical-grade stainless steel in all heating elements. PurTec products are also free from glues and adhesives, and contain the highest quality ceramic available in vaporizers.

“These emissions reports once again prove that PurTec Delivery Systems upholds the highest consumer safety standards in cannabis vaporizers. We have worked diligently over the last two years developing products, raw materials, and manufacturing standards to ensure that our products are the cleanest available on the market. There are a lot of companies that talk about cleanliness and consumer safety, but we have decided to prove it to the world and let independent, analytical laboratory results do the talking. Our two newest technologies are not only disruptive from a user-experience standpoint, but also deliver flawless emissions and leaching results which provide PurTec customers with the cleanest hardware available. We openly challenge all manufacturers to emission test at AFNOR standards to hopefully make these products safer for people to consume.” said Corey Mangold, CEO & Chairman of Orchid Ventures.

“Safety in our products is the foundation of what we stand for as a company. We are also developing other technology platforms to further improve upon our mission to create the safest products available in the cannabis industry and remain steadfast in our vision. Over the coming months we intend to launch a series of new advancements in technology that we feel will get us closer to our goals. I am confident that our products are not only clean, but consistently clean from batch to batch. We also have the strictest ISO and cGMP standards in place to ensure quality, safety, and a superior user experience.”

The Company has also engaged Stockhouse Media for a six month contract for IR services equalling a total contract value of \$50,000 CAD.

About Orchid Ventures, Inc.

Orchid Ventures is a California-based cannabis innovation company that has developed a mass-market brand and loyal consumer following with its premium cannabis products and unique vape hardware delivery systems. Orchid also owns 100% of PurTec Delivery Systems, a company that produces, markets and sells clean vaporizer hardware that has been emissions tested against the most stringent standards in the world set forth by the EU and has unrivaled product quality and value pricing. Orchid's management brings significant branding, product development and distribution experience with a proven track record of scaling businesses and building sustainable revenue growth through value-generating partnerships and innovation that creates enterprise value. Learn more at <https://orchidessentials.com/>

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CAUTIONARY STATEMENT REGARDING “FORWARD-LOOKING” INFORMATION: This news release contains forward-looking statements. The Company has provided the forward-looking statements in reliance on assumptions that it believes are reasonable at this time. The reader is cautioned that the assumptions used in the preparation of the forward-looking statements may prove to be incorrect. All such forward-looking statements involve substantial known and unknown risks and uncertainties, certain of which are beyond the Company’s control. Such risks and uncertainties include, without limitation, delays resulting from or inability to obtain required regulatory approval. The actual results, performance or achievements could differ materially from those expressed in, or implied by, these forward-looking statements and, accordingly, no assurances can be given that any of the events anticipated by the forward-looking statements will transpire or occur, or if any of them do, what benefits, including the amount of proceeds, the Company will derive therefrom. Readers are cautioned that the foregoing list of factors is not exhaustive.

The Canadian Securities Exchange has not reviewed and does not accept responsibility for the adequacy or accuracy of the content of this news release.