



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## Certificate of Accreditation

*Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:*

### **ADACT Medical**

**Unit 10 Roewen Trade Estate Nevil Road, Bradford, BD4 8TQ, United Kingdom  
Unit 5, Jetstream Drive, Auckley, Doncaster, DN9 3QS (Samples Receipt only)**

*(Hereinafter called the Organization) and hereby declares that Organization is accredited in accordance with the recognized International Standard:*

### **ISO/IEC 17025:2017**

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

### **Chemical Testing** *(As detailed in the supplement)*

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

Tracy Szerszen  
President

Perry Johnson Laboratory  
Accreditation, Inc. (PJLA)  
755 W. Big Beaver, Suite 1325  
Troy, Michigan 48084

*Initial Accreditation Date:*

December 25, 2019

*Revision Date:*

August 1, 2020

*Issue Date:*

December 25, 2019

*Accreditation No.:*

106599

*Expiration Date:*

March 31, 2022

*Certificate No.:*

L19-627-R1

*The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: [www.pjlab.com](http://www.pjlab.com)*



# Certificate of Accreditation: Supplement

## ADACT Medical

Unit 10 Rowan Trade Estate Nevil Road, Bradford, BD4 8TQ, United Kingdom  
Contact Name: Damien Bove Phone: 130-298-6088

Accreditation is granted to the facility to perform the following testing:

**Unit 10 Roewen Trade Estate Nevil Road, Bradford, BD4 8TQ, United Kingdom,**

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Chemical <sup>F</sup>	Hemp CBD Oil, E Liquid, Isolate, Distillates, Cosmetics, CBD Paste, Food Products	<b>Cannabinoid:</b> CBC CBD CBDA CBDV CBDVA CBG CBGA CBN CBCA Δ9-THC Δ9-THCA THCV THCVA Δ8-THC	Internal SOP	CBD: 0.48 µg/mL THC: 9.01 µg/mL
	Ei-Liquids and devices	Density	Density Meter - Mettler Toledo D30*	For most e-liquids Density ranges are between 1.036g/ml (density of ethylene glycol)- 1.261g/ml(density of Glycerin) ( depends on compositions of e-liquid and proportion how ingredients were used.
		Viscosity	Rotational Viscometer - IKA ROTAVISC*	Viscosity depends on composition of e-liquids and proportion how they were used. For most e-liquids viscosity will differ from composition of VG and PG used ( viscosity of ethylene glycol is 0.0162Pa s and for glycerin is 950 Pa s)
	Boiling Point, Boiling Point, Cloud Point, Slip Melting Point		Mettler Toledo MP80*	Boiling point depends on composition of e-liquid, but for more e-liquids BP is in range 150-230°C



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Chemical <sup>F</sup>	Ei-Liquids and devices	Particulates	USP, EP, JP, KP methods - Beckman Coulter HIAC 9703 Plus*	Machine operates with smoke machine based in Portugal we are taking results from the smoke machine to get particle sizes that we'll be able to count particles in each detected size.
		pH	Titration - Mettler Toledo Auto-titrator G10 with GSE 113 probe*	pH in ranges between 6-8 (for most e-liquids), depends on composition and ingredients to be used.

- The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer<sup>F</sup> would mean that the laboratory performs this testing at its fixed location.

