

Certificate of Analysis

PRODUCT INFORMATION

Product:	Hemp Derived Broad Spectrum Distillate	Product Batch ID:	DN01B1218X0-8B02MO
Carrier:	Organically Derived MCT with Bacon Flavoring	Product Code:	DNF8MO
Product Detail:	250 mg Total CBD per 30 mL	Biomass Source:	Vermont, USA
Mfg Process:	Cold Ethanol Extraction/Distillation	Cultivar:	Blend
Mfg Date:	4-Apr-19		

PRODUCT DATA

Parameter	Test Procedure	Specification	Units	Result
Appearance (20 - 25°C)	ASTM E1627 - 11	Golden viscous liquid	-	PASS
Odor (20 - 25°C)	ASTM E1627 - 11	Nutty, roasted	-	PASS
Total CBD (Potency)	C5210-LCUV (Internal)	230 - 270	mg/30 mL	269 PASS
CBDA	C5210-LCUV (Internal)	≤ 0.05	%w/w	< 0.05 PASS
Delta 9-THC (Compliance)	C5210-LCUV (Internal)	≤ 0.34	%w/w	< 0.05 PASS
THCA-A	C5210-LCUV (Internal)	≤ 0.05	%w/w	< 0.05 PASS
Minor Cannabinoids	C5938A-LCMSMS (Internal)	≥ 0.01	%w/w	0.02 PASS
Terpenes	C5933-GCMS (Internal)	≤ 1.0	%w/w	< 0.002 PASS
Water Activity	D8196-18	≤ 0.250	Aw	0.201 PASS
Residual Solvents*	C5923-GCMS (Internal)	USP 467**	ppm	PASS
Microbiological Screen*	MCR-TM-00006 (External)	MDH Exhibit 6	-	PASS
Heavy Metals*	MCR-TM-00008 (External)	MDH Exhibit 4	ppb	PASS
Pesticides*	MCR-TM-00009 (External)	MDH Exhibit 5	ppb	PASS
Mycotoxins*	MCR-TM-00013 (External)	MDH Exhibit 6	ppb	PASS

*Results based on source whole plant concentrate prior to distillation.

**Class I & II solvents methanol, pentane, ethanol, acetone, 2-propanol, acetonitrile, n-hexane, tetrahydrofuran, chloroform, n-heptane, toluene, xylene (m,p).

***Specification limits are set based on internal process monitoring and represent expected levels depending on the type of material described in this document.

****MDH - Massachusetts Department of Health

PRODUCT STABILITY

Recommended Storage: 20-25 ° C (68-77° F), Refrigerate for long term storage (> 3 months).

Retest Date: 1-Apr-21 Avoid exposure to extreme hot or cold and protect from exposure to light.

IMPORTANT: Some data for this product are collected using NEP internal analytical testing procedures undergoing validation. Testing results will vary within reasonable procedure performance limits. Results demonstrating regulatory compliance are provided by NEP are for directional purposes in support of manufacturing processes and are not a substitute for 3rd party lab testing of this material. External testing denoted by "(External)" in procedure field is performed by MCR Labs (Framingham, MA USA); reports available upon request.

Approved by:



Date: 15-Apr-19
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