

CERTIFICATE OF ANALYSIS

FINISHED PRODUCT

Material Number: 200082180
 Product: Hemp Wellpure 60C
 Batch Lot: 0000071252/OKB57
 Manufacture Date: 12/2020

Formula Code: 100070061
 Process Order: 20003428
 Expiration Date: 11/2022

Active ingredients:

Common Name	Symbol	Method	Expected Results			Results (mg/capsule)
			Min	Max		
Eicosapentaenoic acid (EPA)	C20:5 ω3	Modified AOCS Ce 1b-89	297.0	aa EE	-	325.9
Docosahexaenoic acid (DHA)	C22:6 ω3	Modified AOCS Ce 1b-89	132.0	aa EE	-	166.3
Total Omega 3		Modified AOCS Ce 1b-89	442.2	aa EE	-	554.6

Oxidation:

Test	Method	Expected Results		Results
		Min	Max	
Peroxide Value	USP<401>or AOCS Cd 8b-90		5 meq/kg	0.3 meq/kg
p-anisidine Value	AOCS Cd 18-90		20	2.8
Totox	2POV+AV		20	3.8
Acid Value	USP<401> or AOCS Cd 3d-63		3.0 mg of KOH/g	0.84 mg of KOH/g

Heavy Metals:

Test	Method	Expected Results		Results
		Min	Max	
Arsenic	EPA3051,200.7-8/AOAC993.14		0.1 ppm	<0.05 ppm
Cadmium	EPA3051,200.7-8/AOAC993.14		0.1 ppm	<0.01 ppm
Lead	EPA3051,200.7-8/AOAC993.14		0.1 ppm	<0.02 ppm
Mercury	EPA245.6/AOAC.993.14		0.1 ppm	<0.005 ppm

Microbial Specifications:

Test	Method	Specification	Results
Total Plate Count	USP <2021>/QC-017	NMT 3,000 CFU/g	<3,000 CFU/g
Yeast & Mold	USP <2021>/QC-017	NMT 300 CFU/g	<300 CFU/g
Bile- Tolerant Gram- Negative Bacteria	USP <2021>/QC-017	NMT 1,000 CFU/g	<1,000 CFU/g
E. Coli	USP <2022>/QC-017	Negative/10g	Negative/10g
Salmonella	USP <2022>/QC-017	Negative/10g	Negative/10g
Staphylococcus aureus	USP <2022>/QC-017	Negative/10g	Negative/10g

Fish Oil Contaminants:

Test	Method	Expected Results		Results
		Min	Max	
Total PCBs	USEPA 1668A/C		45 ppb	2 ppb
Dioxins and Furans	USEPA 1613B		1.00 pg-WHO-TEQ/g	0.162 pg-WHO-TEQ/g
Dioxin like PCBs	USEPA 1668A/C		1.5 pg-WHO-TEQ/g	0.218 pg-WHO-TEQ/g
Radioactivity (total gamma emission)	Gamma counter		50 Bg/Kg	<30 Bg/Kg

Botanical Contaminants:

Test	Method	Expected Results		Results
		Min	Max	
Pesticides ⁽¹⁾	LC-MS/MS		Complies	Complies
Mycotoxin ⁽¹⁾	ELISA		20 ppb	< 20ppb
Residual Solvents ⁽¹⁾	GC-MS		Complies	Complies

Phytocannabinoids:

Test	Method	Expected Results		Results
		Min	Max	
Tetrahydrocannabinol (A9THC + THCA)	C-18-HPLC		LOQ%	None Detected
Total Phytocannabinoid	C-18-HPLC	26.25	mg/softgel	35.4 mg/ softgel

⁽¹⁾ Analyzed on hemp extract raw material.

All information is a Declared by supplier.

Amended 02/10/22 to include Private Label Name.

PREPARED BY:  DATE: 02/10/22 QA/QC APPROVED BY:  DATE: 02/10/22