

Certificate of Analysis

Specification Sheet



PRODUCT NAME	WATER SOLUBLE POWDER
CATEGORY	WSP – (BDS)
CAS#	NOT APPLICABLE (MIXTURE)
COUNTRY OF ORIGIN	MULTIPLE COUNTRIES

ANALYSIS VALUE	RESULTS
APPEARANCE/COLOR	WHITE TO OFF WHITE POWDER
ODOR	CHARACTERISTIC
PURITY	NOT APPLICABLE (MIXTURE)
SPECIFIC GRAVITY @ 25°C	NOT APPLICABLE (MIXTURE)
REFRACTIVE INDEX @ 20°C	NOT APPLICABLE (MIXTURE)
FLASH POINT	NOT APPLICABLE (MIXTURE)
METHOD OF EXTRACTION	NANOEMULSION/MICELLE MICROENCAPSULATION
SOLUBILITY	WATER SOLUBLE
SHELF LIFE	2 YEARS FROM SHIP DATE

METALS, PESTICIDES, SOLVENTS	VALUES	RESULTS
HEAVY METALS BY ICP-MS	1 CCR 212-3, Part 4-115 (D:4)	CONFORMS
PESTICIDES BY LC-MS/MS	1 CCR 212-3, Part 4-115 (D:5b)	CONFORMS
RESIDUAL SOLVENTS BY HS-GC-MS	1 CCR 212-3, Part 4-115 (D:3)	CONFORMS

MICROBIALS	VALUES	RESULTS
STEC	< 1 cfu/g	CONFORMS
TOTAL YEAST & MOLD	< 10,000 cfu/g	CONFORMS
SALMONELLA	< 1 cfu/g	CONFORMS
A. NIGER	< 1 cfu/g	CONFORMS
A. FUMIGATUS	< 1 cfu/g	CONFORMS
A FLAVUS	< 1 cfu/g	CONFORMS
A. TERREUS	< 1 cfu/g	CONFORMS

METALS, PESTICIDES, SOLVENTS	RESULTS
HEAVY METALS BY ICP-MS	CONFORMS
PESTICIDES BY LC-MS/MS	CONFORMS
RESIDUAL SOLVENTS BY HS-GC-MS	CONFORMS

MICROBIALS	VALUES	RESULTS
TOTAL AEROBIC PLATE COUNT	NMT 10,000 cfu/g	CONFORMS
YEAST AND MOLD	NMT 10,000 cfu/g	CONFORMS
SALMONELLA	<1 cfu/10g	CONFORMS

ENTEROBACTERIACEAE	NMT 100 cfu/g	CONFORMS
COLIFORMS	<10 cfu/g	CONFORMS
E. COLI	<1 cfu/10g	CONFORMS

STATEMENT SUMMARY	YES/NO
-------------------	--------

ANIMAL TESTING FREE	YES
BSE / TSE FREE	YES
FOOD GRADE	YES
GLUTEN FREE	YES
GMO FREE	YES
IRRADIATION FREE	YES
PARABEN FREE	YES
PHTHALATES FREE	YES
SLS & SLES FREE	YES
VEGAN / VEGETARIAN SUITABLE	YES

CANNABINOID (HPLC)	LOD (MG/G)	PERCENT	MG/G
CANNABIDIVARIN (CBDV)	0.0	0.00%	0.00%
CANNABIDIOLIC ACID (CBD-A)	0.0	0.00%	0.00%
CANNABIGEROLIC ACID (CBG-A)	0.0	0.00%	0.00%
CANNABIGEROL (CBG)	0.0	0.00%	0.00%
CANNABIDIOL (CBD)	0.0	0.00%	0.00%
TETRAHYDROCANNABIVARIN (THCV)	0.0	0.00%	0.00%
CANNABINOL (CBN)	0.0	0.00%	0.00%
TETRAHYDROCANNABINOL (THC)	0.0	0.00%	0.00%
D8-TETRAHYDROCANNABIDOL	0.0	0.00%	0.00%
CANNABICHROMENE (CBC)	0.0	0.00%	0.00%
D9-TETRAHYDROCANNABINOLIC ACID A (THC-A)	0.0	0.00%	0.00%

	PERCENT	MG/G
MAX ACTIVE THC	0.00%	0.00%
MAX ACTIVE CBD	0.00%	0.00%
TOTAL ACTIVE CANNABINOIDS	0.00%	0.00%
TOTAL CANNABINOIDS	0.00%	0.00%

RATIOS

0.00 : 0.00 THC to CBD

ADDITIONAL PRODUCT INFORMATION

- **Storage Conditions:**
 - Stable when stored in its original container securely tightened. Keep away from heat, open flames, sunlight, combustible materials and hot surfaces.
 - Store in cool dry place (60° F to 78° F)
 - PROTECT FROM LIGHT
- **Directions For Powder Application:**

- Add concentrate powder to other aqueous-based liquids or powders at room temperature while gently blending. Avoid high shear mixing of blends.
- **Product Use:**
 - GRAS Food Grade & Supplement Manufacturing
 - Aromas & Flavoring
 - Water-Based Foods & Beverages
- **Product Handling:**
 - Ensure good ventilation of the workstation.
 - Wear personal protective equipment including protective gloves, clothing and chemical goggles or safety glasses.
 - Wash hands and other exposed areas with mild soap and water after handling.

▪ **Product Warnings:**



Certificate of Analysis Disclaimer

This Certificate of Analysis does not relieve buyer from acquiring their own third-party tests for assuring product quality. Product should be tested to ensure suitability of application for intended use. Lab Effects, LLC believes the information of conformity contained herein to be true and factual based on the supporting third-party data obtained by and made available to Lab Effects, LLC by third parties. It is the responsibility of buyer to perform its own analysis and investigation prior to use for verifying product suitability and quality according to its own requirements for use. The data provided herein is only true and effective for the specific product lot # listed. Lab Effects responsibility of this manufactured or distributed item will be limited to our Limitation of Product Liability policy.

Taj Ray
Quality Control & Assurance