

TECHNICAL SPECIFICATION Cannabigerol (CBG) Isolate

HS Code:	2907 29 – Phenols; phenol-alcohols
IUPAC Name:	2-[(2E)-3,7-dimethylocta-2,6-dienyl]-5-pentylbenzene-1,3-diol
INN Name:	N/A
CAS Number:	25654-31-3
EC-No.:	N/A
Use:	For professional use only
Solubility:	Alcohols, Alkanes, Aromatic hydrocarbon, Chlorinated solvents, Polar aprotic solvents; Not soluble in water
Functions:	Anti-inflammatory, Anti-bacterial, Skin Conditioning
Shelf life:	24 months from date of production, store in a cool, dry place away from direct sunlight

PHYSICAL CHARACTERISTICS

Form	Crystalline Powder
Color	White
Odor	Natural terpene odor
Melting Point	49°C-52°C

CANNABINOID PROFILE

CBG Cannabigerol	>98%
THC Tetrahydrocannabinol	<0.01%
Additional Cannabinoids	See Certificate of Analysis

HEAVY METALS

Cadmium (Cd)	<0,001 ppm
Lead (Pb)	<0.05 ppm
Arsenic (As)	<0.01 ppm
Mercury (Hg)	<0.0006 ppm

MICROBIALS

Moulds	≤10 CFU/g
Yeasts	≤10 CFU/g
Salmonella spp.	ND
E. Coli	ND

MATERIAL IMAGE REFERENCE



MYCOTOXINS

Aflatoxin B1 µg/kg	<0,1 ppb
Aflatoxin (Σ of B1 + B2 + G1 + G2) µg/kg	<1.4 ppb
Ochratoxin A µg/kg	<0.25 ppb

RESIDUAL SOLVENTS

Σ (Acetone, Butyl acetate, 1-Butanol, 2-Butanol, Ethanol, Ethyl acetate, Diethyl ether, n-Heptane, Isobutanol, 1-Propanol, 2-Propanol, Propyl acetate, n-Pentane, 1-Pentanol)	<LOQ of 58 ppm
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GMO DECLARATION

Biossyd, UAB confirms that Cannabigerol (CBG) Isolate comply with EC regulation 1829/2003 and does not derive from nor contains any genetically modified organisms (GMO). Biossyd, UAB has established a company policy to ensure that the facility is free from genetically modified organisms by prohibiting any GMO containing raw materials and processing aids in the facility.

CRUELTY FREE DECLARATION

Biossyd, UAB is a cruelty free company. Biossyd, UAB has established a company policy to ensure that no ingredients, formulations or finished products processed by Biossyd, UAB have been subject to any animal testing or mistreatment of animals. Biossyd, UAB does not buy any ingredients, formulations or products from any supplier or manufacturer that conduct, commission or have any part in animal testing or mistreatment of animals.

BSE/TSE DECLARATION

With reference to EC regulation 999/2001, Biossyd, UAB confirms that the manufacturing process of Cannabigerol (CBG) Isolate does not use any starting materials, raw materials or reagents deriving from animal origin. Nor does Cannabigerol (CBG) Isolate come in contact with animal products during storage and transportation. All products manufactured by Biossyd, UAB are free from Transmissible Spongiform Encephalopathy (TSE) and Bovine Spongiform Encephalopathy (BSE).

ALLERGENS STATEMENT

Cannabigerol (CBG) Isolate does not contain allergens according to EC regulation 1169/2011. This product does not contain the following:

Cereals containing gluten (i.e. wheat, rye, barley, oats, spelt, kamut or their hybridized) and products thereof; Crustaceans and products thereof; Eggs and products thereof; Fish and products thereof; Peanuts and products thereof; Soybeans and products thereof; Milk and products thereof (including lactose); Nuts (i.e. almond, hazelnut, walnut, cashew nut, pecan nut, Brazil nut, pistachio nut, macadamia nut and Queensland nut and products thereof); Celery and products thereof; Mustard and products thereof; Sesame seeds and products thereof; Lupine and products thereof; Molluscs and crustaceans and products thereof; Sulphur dioxide and sulfite at concentrations of more than 10mg/kg or 10mg/l; Lactose; Cacao; Glutamate (E620-E625); Chicken Meat; Coriander; Corn/Maize; Legumes; Beef; Pork; Carrot.

FURTHER DECLARATIONS & STATEMENTS

Biossyd, UAB confirms that:

- Cannabigerol (CBG) Isolate is not classified as a “engineered nano material” as defined in EC regulation 1169/2011 nor is nano technology used in the processing of Cannabigerol (CBG) Isolate
- The VOC content (Volatile organic compound) is not applicable for Cannabigerol (CBG) Isolate due to its crystalized form
- Processing of Cannabigerol (CBG) Isolate is free from palm oil
- Cannabigerol (CBG) Isolate is suitable for vegans