



Bulk Naturals Wholesale LLC

bulknaturalswholesale.com

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BOURBON VANILLA OLEORESIN EXTRACT 20X

CERTIFICATE OF ANALYSIS

LOT: BN2122022/E

Manufacture Date: December 22, 2022

Expiration Date: December 21, 2024

QA Signature: Steven Konert

Specification	Result
PHYSICAL and CHEMICAL PROPERTIES	
Appearance	Dark brown thick liquid
Odor	Warm, timbered, typical aroma to vanilla beans
Specific Gravity @ 20°C	1.10 - 1.20
Refractive Index @ 20°C	1.300 - 1.385
Solubility	In water, alcohol, emulsified or dairy products and cosmetic goods.
Flashpoint	98°C
True vanillin content	2.1 - 2.4%
Extraction Method	Solvent extraction of the whole ripe cured fruit and vacuum concentration.
Ethanol rate content	10.0 - 17.5%
GAS CHROMATOGRAPH ANALYSIS	
Vanillin	78.0%
p-Hydroxybenzaldehyde	7.8%
p-Hydroxybenzyl Methyl Ether	1.0%
Acetic Acid	0.5%
Vanillic Acid	3.7%
p-Hydroxybenzoic Acid	1.0%
150 other constituents	Traces, characteristic to authentic extracts from true Vanilla beans.
ASR, Mildew	None
Salmonella, Vibrio parahaemolyticus	None
GMO	Free
Gluten	Free
Irradiation	None

Vanillin represents 85% of vanilla oleoresin mass. It determines each batch's Specific gravity as proven for more than 18 years of getting analyzed vanilla oleoresin batches. First-produced batches undergo whole analysis until a range of Specific Gravity is set for the whole crop. So Specific Gravity and Refraction Index are stated in a range.

Processed beans had entirely grown & and cured in Madagascar without chemical herbicide or fertilizer, without Ethylen oxyde. Manufactured Vanilla oleoresins are then free from artificial, chemical additive, and contains no known allergens.

Shelf life is guaranteed for two years from the date of production if the product is stored in the unopened original container between 15°C - 30°C, protected from light. Containers that have been opened should be tested at least yearly to ensure potency. Although Bulk Naturals Wholesale LLC. believes the above information to be accurate based on the information available to Bulk Naturals, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to using to verify that the product purchased from Bulk Naturals meets their quality requirements and is appropriate for the use to which the product is to be put. The information provided above shall be considered effective only for the lot with which the information is being provided. Use and purchase of this material are subject to Bulk Naturals Wholesale LLC. standard terms and conditions, which supersede any conflicting terms contained on the Buyer's purchase order or any document or instrument supplied by Buyer.