



# Bulk Naturals Wholesale LLC

**bulknaturalswholesale.com**

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## BOURBON VANILLA OLEORESIN ABSOLUTE EXTRACT 30X

### CERTIFICATE OF ANALYSIS

LOT: BN132023/E

**Manufacture Date:** March 20, 2023

**QA Signature:** Steven Konert

**Expiration Date:** March 2026

Specification	Result
<b>PHYSICAL and CHEMICAL PROPERTIES</b>	
Appearance	Dark brown to black thin liquid
Odor	Warm, timbered, typical aroma to vanilla beans
Specific Gravity @ 20°C	0.970-1.030
Refractive Index @ 20°C	1.475-1.515
Solubility	Alcohol, Essential Oils and other organic solvents
Flash Point	>99°C
Natural vanillin content	Minimum of 3.6%
Solvents Rate	Ethanol, 6-8%, and Traces of Hexane
Immiscibility	In Water
<b>GAS CHROMATOGRAPH ANALYSIS</b>	
Vanillin	87.3%
p-Hydroxybenzaldehyde	8.5%
p-Hydroxybenzyl Methyl Ether	1.0%
Acetic Acid	0.5%
Vanillic Acid	1.4%
p-Hydroxybenzoic Acid	1.0%
Other Natural Constituents	Traces
ASR	None
Mildew	Free
Salmonella, Vibrio parahaemolytius	None
GMO	Free
Gluten	Free
Irradiation	None

Vanillin represents 85% of the mass of vanilla oleoresin, and it determines the Specific Gravity of each batch as proved throughout more than 15 years of getting vanilla oleoresin batches analyzed. Manufactured batches undertake a whole analysis until a range of Specific Gravity comes out. Then it is established for the whole crop. Thus Specific Gravity and Refraction Index are presented in a range.

Processed **vanilla beans were entirely grown and cured in Madagascar** with no chemical herbicide or fertilizer. Produced without Ethylene oxide, this vanilla oleoresin is also free from artificial or chemical additives and contains no known allergens.

This information is provided to help your development work but should not solely be used to determine your own product labeling content.

Shelf life is guaranteed for three 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 the Buyer.