



# 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

**QA Signature:** Steven Konert

**Expiration Date:** December 21, 2025

Specification	Result
<b>PHYSICAL and CHEMICAL PROPERTIES</b>	
Appearance	Dark brown to black viscous acidic 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
Flash Point	98°C
True vanillin content	2.1 - 2.4%
Extraction Method	Extraction of the whole ripe cured fruit and vacuum concentration
Ethanol rate content	10 -17.50 %
<b>GAS CHROMATOGRAPH ANALYSIS</b>	
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

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.