



Bulk Naturals Wholesale LLC

bulknaturalswholesale.com

212 N Jefferson Unit 12A Ava, Mo 65608, USA / Phone: 1-573-465-0612

FERULIC ACID POWDER

CERTIFICATE OF ANALYSIS

LOT: BN230902/AP

Manufacture Date: September 2, 2023

QA Signature: Steven Konert

Expiration Date: September 1, 2026

Specification	Parameter	Result
Appearance	White to almost white powder	Almost white powder
Identification	Positive reaction	Positive reaction
	HPLC: The retention time of the sample main peak is consistent with that of the reference standard	Comply with the standard
Odor & Taste	Odorless and tasteless	Complies
Natural Degree C13	-33 to -36	-35.8
Natural Degree C14/12	12 - 16	15.8
Assay	≥ 98.0%	98.58%
Loss on Drying	≤ 0.5%	0.2%
Ignition Residue	≤ 0.1%	0.1%
Melting Point	170.0 ~ 174.0 °C	170.5 ~ 171.5 °C
Heavy Metal	≤ 10ppm	Complies
Arsenic (As)	≤ 2ppm	Complies
Total Plate Count	≤ 1000cfu/g	< 100cfu/g
Total Yeast and Mold	≤ 100cfu/g	< 20cfu/g
Salmonella	Negative	Negative
E.Coli	Negative	Negative
Staphylococcus	Negative	Negative
Conclusion	Conforms with the specification.	
Storage	Keep the container closes. Keep in cool, dry and dark place; keep from heat and strong light.	

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.