

Certificate of Analysis

Product: Caffeine Powder
Item Number: CAFU
Grade: USP/FCC
Lot Number: CF-2280061
Manufacture Date: 01/26/2022
Expiration Date: 01/25/2025
Country of Origin: United States

Tested Property	Specification	Analysis
Appearance	White crystalline powder	Conforms
Identification A and B	Pass the test	Passes
Appearance of solution	Clear and colorless	Clear and colorless
Organic Impurities: individual Impurity (%)	≤0.1	0.01
Total Impurities	≤0.1	0.02
Sulfate	≤500 ppm	<500
Heavy Metals (on Pb basis)	≤10 ppm	<10
Loss on drying	≤0.5%	0.23
Residue on Ignition	≤0.1%	0.05
Sulphated ash	≤0.1%	0.01
Assay (on dried basis by HPLC)	98.5 - 101.5 %	99.95
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Sulphated ash	≤0.1%	0.01
Assay (on dried basis by HPLC)	98.5 - 101.5 %	99.95

Caffeine Powder

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