



Certificate of Analysis

Company Name: BVV

LOT: 2404771

Product Name: Caffeine Anhydrous

Maximum Batch Quantity: 2000kg

Shelf Life: 4 years

Items	Specifications	Results
Appearance	White or almost white, crystalline powder or silky, white or almost white, crystals.	White crystalline powder
Identification: IR	Conforms to reference spectrum	Conforms to reference spectrum
HPLC	Conforms to the chromatogram of the standard preparation	Conforms to the chromatogram of the standard preparation
Melting point	234 °C - 239 °C	236.9
Appearance of solution	clear and colourless	clear and colourless
Acidity	≤0.1	.03
Organic impurities: Individual impurity (%)	≤0.1	≤0.04
Total impurities (%)	≤0.1	≤0.03
Sulfate(ppm)	≤.001	≤0.001
Heavy metals (on Pb basis) (%)	≤0.5	.11
Loss on drying(%)	≤0.1	≤0.04

Please consult the SDS for further information.

BVV represents only that the Product shall meet the specifications herein. All transactions involving this Product are subject to BVV standard terms and conditions. BVV makes no additional representations or warranties, express or implied, through this COA.



	Specifications	Results
Residue on ignition(%)	≤0.1	≤0.04
Sulphated ash(%)	≤0.1	≤0.04
Assay(on dried basis)(%)	98.5-101.5	99.8 Pure
Residual solvents (Chloroform, ppm)	≤60	Conform
Assay(%, on dried basis) (HPLC)	98.5-101.0	100.0

Please consult the SDS for further information.

BVV represents only that the Product shall meet the specifications herein. All transactions involving this Product are subject to BVV standard terms and conditions. BVV makes no additional representations or warranties, express or implied, through this COA.