

Chem-Impex International, Inc.

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825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	29226
Lot Number	002896-180105
Product	α-Arbutin

4-Hydroquinone- α -D-glucopyranoside

CAS Number	84380-01-8
Molecular Formula	C ₁₂ H ₁₆ O ₇
Molecular Weight	272.25

Appearance	White crystalline powder
Solubility	Clear solution
Melting Point	204.9 - 206.9 °C
Heavy Metals	< 10 ppm
Cation	Arsenic : < 2 ppm
pH	5.4
Yeast and Mold	< 10 CFU/g
Optical Rotation	[α] _D ²⁰ = + 176.6°
Infrared Spectrum	Conforms to structure
Transmission	Transmittance at 430 nm: 99.8%
Loss on Drying	0.08%
E. Coli	Absent/g
Microbial Count	< 10 CFU/g (Total viable aerobic count)
Pseudomonas Aeruginosa	Absent/g
Staphylococcus Aureus	Absent/g
Residue On Ignition	0.03%
Assay	100%
Storage	Store at 0-8°C
Additional Information	Hydroquinone : < 2 ppm

Certificate of Analysis

Catalog Number: 29226

Lot Number: 002896-180105

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager