

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	22029
Product	Amygdalin
Lot Number	002681-16112001
	6-O-β-D-Glucosido-β-D-glucoside
CAS Number	29883-15-6
Molecular Formula	C ₂₀ H ₂₇ NO ₁₁
Molecular Weight	457.43

Appearance	White crystalline powder
Solubility	Soluble in water (4g in 100ml)
Melting Point	213 °C
Heavy Metals	≤ 5 ppm
Cation	Arsenic (As): < 2 ppm Lead (Pb): < 2 ppm Mercury (Hg): < 0.3 ppm Cadmium (Cd): < 0.1 ppm
Yeast and Mold	< 10 cfu/g
Optical Rotation	-37.5 (C = 0.05g/ml in H ₂ O)
Loss on Drying	2.66%
Residual Solvents	Ethanol : 580 ppm
E. Coli, Salmonella, S.Aureus	Negative
Microbial Count	< 1000 cfu/g
Mesh Size	80
Related Substances	Total impurities: 0.32%; Other single impurity: 0.19%
Purity by HPLC	99.12%
Storage	Store at 0-8°C
Additional Information	Aflatoxins : > 0.2

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Lot Number: 002681-16112001

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



Bala Kumar
Quality Control Manager