

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

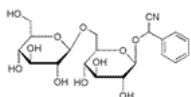
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	22029
Product	Amygdalin
	6-O-β-D-Glucosido-β-D-glucoside
	D-Mandelonitrile-β-gentiobioside
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	208 - 215 °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	[α] _D ²⁰ = -37 to -41 ° (C=0.05 g/mL in Water)
Loss on Drying	≤ 5%
Residual Solvents	Ethanol : ≤ 580 ppm
E. Coli, Salmonella, S.Aureus	Negative
Microbial Count	≤ 1000 cfu/g
Mesh Size	80 mesh
Related Substances	Total impurities : ≤ 1%; Other single impurity : ≤ 0.5%
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C
Additional Information	Aflatoxins : ≥ 0.2

Product Specifications

Catalog Number: 22029

For Laboratory Use Only