

Chem-Impex International, Inc.

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825 Dillon Drive

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Certificate of Analysis

Catalogue Number	31979
Lot Number	002300-180510
Product	D-(+)-Galactose, plant derived

D-Galactopyranose

CAS Number	59-23-4
Molecular Formula	C ₆ H ₁₂ O ₆
Molecular Weight	180.16

Appearance	White crystalline powder
Odor	Characteristic
Bulk density	0.50 g/mL
Heavy Metals	< 10 µg/g (Total)
Cation	Arsenic(As): < 0.1 µg/g Cadmium(Cd): < 0.01 µg/g Lead(Pb): < 0.1 µg/g Mercury(Hg): < 0.01 µg/g
Mould and Yeast	< 100 cfu/g
Optical Rotation	[α] _D ²⁰ = + 80.1 °
Infrared Spectrum	Conforms to structure
Loss on Drying	0.05%
Residual Solvents	Complies to USP standard
Coliform Organisms	< 10 cfu/g
E. Coli, Salmonella, S.Aureus	Absent
Microbial Count	< 1000 cfu/g (Total plate count)
Mesh Size	> 95% through 30 mesh
Related Substances	Pesticide residues: Complies to USP standard
Residue On Ignition	0.04%
Purity by HPLC	99.10%

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Storage

Store at RT

Additional Information

Tapped density: 0.78 g/mL
Aflatoxins: Not detected

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