

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	29442
Lot Number	001855-12-091
Product	4-O-β-D-Galactopyranosyl-D-gluconic acid calcium salt (2:1) dihydrate
CAS Number	110638-68-1
Molecular Formula	C ₂₄ H ₄₂ CaO ₂₄ •2H ₂ O
Molecular Weight	790.68

Appearance	White crystalline powder
Heavy Metals	< 20 ppm
Anion	Chloride: < 200 ppm Sulfate: < 100 ppm
Water Content (Karl Fisher)	5.83%
pH	5.8
Optical Rotation	[α] _D = +22.8°
Infrared Spectrum	Conforms to structure
Reducing Sugars	0.04%
Assay	96.42%
Purity by TLC	Positive
Storage	Store at 0-8 °C
Additional Information	Aerobic organisms: < 100 Col/g Results are conformed to USP standard.

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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