

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	29286
Lot Number	001855-12-111-5
Product	Lactobionic acid sodium salt 4- <i>O</i> - β -D-Galactopyranosyl-D-gluconic acid sodium salt
CAS Number	27297-39-8
Molecular Formula	C ₁₂ H ₂₁ O ₁₂ •Na
Molecular Weight	380.27

Appearance	White crystalline powder
Heavy Metals	< 20 ppm
Anion	Chloride (Cl ⁻): < 200 ppm Sulfate (SO ₄ ²⁻): < 100 ppm
Water Content (Karl Fisher)	0.25%
pH	6.5
Optical Rotation	[α] = +21.3°
Infrared Spectrum	Conforms to structure
Reducing Sugars	Not detected
Ash	0.04% (Total)
Assay	99.2%
Purity by TLC	Positive
Storage	Store at 0-8 °C

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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