

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	29750
Product	L-Arabinose Microbiological Grade
Lot Number	002266-140303
CAS Number	87-72-9 / 5328-37-0
Molecular Formula	C ₅ H ₁₀ O ₅
Molecular Weight	150.13
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Appearance	Off-white powder
Trace Metal Analysis	Lead: < 5.0 mg/kg Arsenic: < 2.0 mg/kg Cadmium: < 2.0 mg/kg Mercury: < 0.5 mg/kg
Water Content (Karl Fisher)	0.1%
Yeast and Mold	< 100 cfu/g
Optical Rotation	[α] _D ²⁰ = +103°
Infrared Spectrum	Conforms to structure
Coliform Organisms	< 100 cfu/g
E. Coli, Salmonella, S.Aureus	Negative
Particle Size	99.1% (40 mesh)
Related Substances	Individual unspecified impurity: 0.03%; Total impurities: 0.1%; D-GalactoseD- 0.1%
Residue On Ignition	0.04%
Purity by HPLC	99.9%
Storage	Store at RT
Additional Information	Total Plate Count: < 10000 cfu/g

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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