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Product Specifications

Catalogue Number	29750
Product	L-Arabinose Microbiological Grade
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	White or 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)	≤ 0.5%
Yeast and Mold	≤ 100 cfu/g
Optical Rotation	[α] _D ²⁰ = +101 to +105°
Infrared Spectrum	Conforms to structure
Coliform Organisms	≤ 100 cfu/g
E. Coli, Salmonella, S.Aureus	Negative
Particle Size	≥ 98% (40 mesh)
Related Substances	Individual unspecified impurity: ≤ 0.5%; Total impurities: ≤ 1.0%; D-GalactoseD- ≤ 0.5%
Residue On Ignition	≤ 0.1%
Purity by HPLC	≥ 99%
Storage	Store at RT
Additional Information	Total Plate Count: ≤ 10000 cfu/g

For Laboratory Use Only