

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	32321
Product	D-Pinitol
Lot Number	002862-20180406 3-O-Methyl-D-chiro-inositol
CAS Number	10284-63-6
Molecular Formula	C ₇ H ₁₄ O ₆
Molecular Weight	194.18
Appearance	White powder
Odor	Characteristic
Melting Point	178 - 185 °C
Bulk density	50g/100ml
Heavy Metals	Lead (Pb): < 2 ppm Arsenic (As): < 2 ppm Cadmium (Cd): < 2 ppm Mercury (Hg): < 0.5ppm Total heavy metals: < 10 ppm
Yeast and Mold	< 300 cfu/g
Optical Rotation	[α] _D ²⁰ = + 60.1° (C=1 in H ₂ O)
Loss on Drying	4.21%
Residual Solvents	None
E. Coli, Salmonella, S.Aureus	Negative
Microbial Count	< 3000 cfu/g (Total Plate Count)
Particle Size	100% pass 80 mesh
Ash	2.62%
Purity by HPLC	99.18%
Storage	Store at RT
Additional Information	Sugars: 0.04% Taste: Characteristic

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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