

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	00766
Lot Number	001112-00766-111411
Product	D(+)-Trehalose dihydrate <i>α,α</i> -Trehalose dihydrate <i>α</i> -D-Glucopyranosyl- <i>α</i> -D-glucopyranoside dihydrate
CAS Number	6138-23-4
Molecular Formula	C ₁₂ H ₂₂ O ₁₁ •2H ₂ O
Molecular Weight	378.3

Appearance	White to off white powder
Solubility	Clear (10% in water)
Sulfur Compounds	< 0.01% (calculated on dry matter)
Water Content (Karl Fisher)	9.7%
Yeast and Mold	< 10 per gram
Optical Rotation	[α] _D ²⁰ = +179.3° (C=7% in H ₂ O)
Purity by HPLC	99.4%
Storage	Store at RT
Additional Information	Total plate count: < 10 per gram
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