

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	38907
Lot Number	002631-2200611037-50
Product	D(+)-Trehalose dihydrate a,a-Trehalose dihydrate
CAS Number	6138-23-4
Molecular Formula	C ₁₂ H ₂₂ O ₁₁ •2H ₂ O
Molecular Weight	378.30

Appearance	White crystalline powder
Heavy Metals	< 5 ppm (Pb)
Water Content (Karl Fisher)	9.3%
pH	5.5
Yeast and Mold	< 100 cfu/g
Optical Rotation	[α] ²⁰ _D = 199 °
Loss on Drying	0.2%
Coliform Organisms	Negative/100 g
Microbial Count	< 300 cfu/g (TAC)
Salmonella	Negative
Residue On Ignition	0.01%
Purity by HPLC	99.4%
Grade	Suitable for cell culture, suitable for insect cell culture
Storage	Store at RT
Additional Information	Identification : Passes test

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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