

Certificate of Analysis

INSPECTION REPORT

CAS No.: 6138-23-4

Product	Trehalose	Carried standard	GB/T23529-2009	Pack size	25kg
batch number	20230815	Production date	2023.08.15	Term of validity	30months
Test items and results					
Test items	test method	Standard requirements		detection result	determine
Sensory test	GB/T23529	White dry loose grain or crystalline powder, no visible foreign body, sweet taste, no peculiar smell.		Conform	qualified
Assay/%	GB/T23529	≥98.0		99.3	Qualified
PH	GB/T23529	5.0-6.7		6.7	Qualified
%Ignition residue	GB/T23529	≤0.02		0	Qualified
% Loss on drying	GB/T23529	≤1.0		0.10%	Qualified
Chromaticity	GB/T23529	≤0.100		0	Qualified
Turbidity	GB/T23529	≤0.05		0	Qualified
Specific rotation	Chinese Pharmacopoeia	+197~+201		+199	Qualified
Mold and yeast CFU/g	GB4789.15	≤100		<100	Qualified
Totalplatecount CFU/g	GB4789.2	≤100		<100	Qualified
MPN/100g Coliforms	GB4789.3	Negative		Negative	Qualified
Salmonella	GB4789.4	Negative		Negative	Qualified
Pb/mg/kg	GB5009.12	≤0.5		<0.1	Qualified
Fe/mg/kg	GB/T8967	≤5		<5	Qualified
Hg/mg/kg	GB5009.17	≤0.01		Negative	Qualified
Cr/mg/kg	GB5009.123	≤0.1		Negative	Qualified
AS/mg/kg	GB5009.11	≤0.5		<0.1	Qualified
Storage conditions	The finished products should be stored in a dry, ventilated, and clean warehouse, away from the wall and the ground to prevent moisture				
Net weight	Up to the standard		Below standard		
Package	Up to the standard		Below standard		
Conclusion	Conform				

Inspectors: Wang Xiaoyan

Reviewers: Yao Xiu

Date of detection: 2023.08.15