

Certificate of Analysis

Product Name	Trehalase
Catalog No.	V61005
Batch No.	V6100501

1. Physical and Chemical Properties

Appearance	powder
Molecular Formula	
Molecular Weight	
Purity	≥95%
CAS No.	9025-52-9
Production Date	
Retest Date	2029-09-04

2. Analytical Data

Test Item	Specification	Result
Activity	≥100U/mg protein	180U/mg protein
Appearance	Clear	Clear
Purity	≥90%	≥95%
Activity	≥20U/mg solid	162U/mg solid
Unit Definition		One unit will convert 1.0 micromole of Trehalose to 2.0 micromoles of glucose per minute at pH 5.7 at 37 deg C (liberated glucose determined at pH 7.5)

3. Structure

Trehalase

4. Storage Condition

Storage Condition	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month
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