Certificate of Analysis

异丙基-β-D-硫代半乳糖苷

>98.0%(GC)

Product Number: MG10937

Batch Number: MKJ07102YB

CAS Number: 367-93-1

Molecular Formula: C9H18O5S

Molecular Weight: 238.30

Quality Release Date: 10/Jul./2026

Recommended Retest Date: 09/Jul./2029

Storage At: 2-8℃

摩莱化学

M L C

Test	Specification	Result
Appearance	White crystals or powder	White granules and powder
Purity(HPLC)	>98%	99.1%
PH (5% aqueous solution)	5.0-7.0	6.5
Specific rotation	31.0°±3	Conforms
Melting point	110.0-115.0℃	112.2℃
Karl Fischer moisture test	≤1.0%	0.5%
UV absorbance / 5% water solution at 300nm	≤0.200	0.015
UV absorbance / 5% water solution at 400nm	≤0.100	0.004
UV absorbance / 20% water solution at 600nm	≤0.100	0.002

Zhenbang Lou, Manager

Quality Control

Beijing, China