

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-06 15:02:15  
Date of Next Testing: 2027-05-05 15:02:15  
Product Name: **2-Phenylethyl  $\beta$ -D-thiogalactoside**  
CAS Number: 63407-54-5  
Specifications & Purity: 98%  
Lot #: G1930097  
SKU #: **P120928**  
**Analysis: 218469**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.30400 %
Specific Rotation [a] <sub>D</sub> 20(10 mg/ml in MeOH)	-33--27 (°)	-32.86 °
Carbon by Elemental Analysis	55.48-56.48 (%)	55.79 %
Appearance (P120928)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,Colorless and clear(50mg/ml in methanol)	pass	Pass



John Su  
QA & QC Manager