

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-20 11:49:51
Date of Next Testing: 2026-01-19 11:49:51
Product Name: **2-Nitrophenyl β -D-galactopyranoside**
CAS Number: 369-07-3
Specifications & Purity: 99%,non-animal origin
Lot #: A2217074
SKU #: **N109040**
Analysis: **072507**
Storage Temperature: Store at -20°C,Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.2 (%)	0.08 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	-71.5--66 (°)	-70.83°
Purity(HPLC)	99-100 (%)	99.75400 %
Appearance (N109040)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
beta-Galactosidase detection test	to pass test	to pass test
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager