

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-05 15:06:56
 Date of Next Testing: 2029-03-04 15:06:56
 Product Name: **2-Nitrophenyl β -D-galactopyranoside(ONPG)**
 CAS Number: 369-07-3
 Specifications & Purity: Animal Free, $\geq 99\%$
 Lot #: B2528493
 SKU #: **N109040**
 Version: **1**
 Analysis #: **440302**
 Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	-71.5--66 ($^{\circ}$)	-67.55000 $^{\circ}$
Purity(HPLC)	99-100 (%)	99.86000 %
Water by Karl Fischer	0-0.2 (%)	0.12170 %
Appearance (N109040)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager