

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-05 09:31:24
 Date of Next Testing: 2029-07-04 09:31:24
 Product Name: **2-Nitrophenyl β -D-galactopyranoside(ONPG)**
 CAS Number: 369-07-3
 Specifications & Purity: Animal Free, $\geq 99\%$
 Lot #: F2527563
 SKU #: **N109040**
 Version: **1**
 Analysis #: **524324**
 Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.69100 %
Water by Karl Fischer	0-0.2 (%)	0.13570 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	-71.5--66 ($^{\circ}$)	-66.01000 $^{\circ}$
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