

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-17 15:46:14
 Date of Next Testing: 2027-04-16 15:46:14
 Product Name: **4-Nitrophenyl N-acetyl- β -D-galactosaminide**
 CAS Number: 14948-96-0
 Specifications & Purity: $\geq 98\%$
 Lot #: D23061845
 SKU #: **N111844**
 Version: **1**
 Analysis #: **202234**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
free 4-nitrophenol	0-0.05 (%)	0.03600 %
Water by Karl Fischer	0-5 (%)	0.28000 %
Purity(HPLC)	98-100 (%)	99.87100 %
Appearance (N111844)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in DMF , Transparent yellow-green solution , 50 mg/mL	pass	Pass



John Su
QA & QC Manager