

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-15 13:14:53

Date of Next Testing: 2024-07-14 13:14:53

Product Name: **4-Nitrophenyl β -D-cellobioside**

CAS Number: 3482-57-3

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: G2209314

SKU #: **N130852**

Version: **0**

Analysis #: **096367**

Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.87200 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in MeOH})}$	-84--80 (°)	-83.81800 °
Appearance (N130852)	White to white with a dark yellow cast powder	White to white with a dark yellow cast powder
NMR Spectrum 1H (D2O)	Consistent	Consistent
Solubility in H2O(Heat)	pass	Pass



John Su
QA & QC Manager