

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-08 16:35:21
 Date of Next Testing: 2028-11-07 16:35:21
 Product Name: **D-(+)-cellotetraose**
 CAS Number: 38819-01-1
 Specifications & Purity: $\geq 95\%$
 Lot #: K2404150
 SKU #: **C121018**
 Version: **0**
 Analysis #: **422007**
 Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	95.01000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O at } 25^{\circ}\text{C in after 4 hours})$	10.6-17.2 ($^{\circ}$)	10.62000 $^{\circ}$
Appearance (C121018)	White to Off-White solid	White to off-white solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless to Faint Yellow Clear(25 mg/ml, H ₂ O)	pass	Pass



John Su
QA & QC Manager