

Certificate of Analysis

Date of Testing: 2024-11-08 16:39:04

Date of Next Testing: 2028-11-07 16:39:04

Product Name: **D-(+)-cellotetraose**

CAS Number: 38819-01-1

Specifications & Purity: $\geq 95\%$

Lot #: K2404151

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 ($^{\circ}$)	10.62 $^{\circ}$
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