

Certificate of Analysis

Date of Testing: 2022-02-16 13:26:13
Date of Next Testing: 2024-02-16 13:26:13
Product Name: **p-Nitrophenyl β -D-Mannopyranoside**
CAS Number: 35599-02-1
Specifications & Purity: $\geq 97\%$
Lot #: B2212017
SKU #: **P134941**
Analysis: **074416**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	4.5-4.7 (%)	4.52 %
Carbon by Elemental Analysis	46.4-48.5 (%)	47.85 %
Purity(HPLC)	97-100 (%)	99.68000 %
Appearance (P134941)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless To Faint Yellow,Clear,10 mg/ml	pass	Pass



John Su
QA & QC Manager