

Certificate of Analysis

Date of Testing: 2023-03-13 23:06:56
 Date of Next Testing: 2027-03-12 23:06:56
 Product Name: **(+)-1,4-Di-O-benzyl-D-threitol**
 CAS Number: 91604-41-0
 Specifications & Purity: 98%
 Lot #: C2309409
 SKU #: **D121001**
Analysis: 186241

Parameter	Limit Values	Result
Optical purity	98-100 (%)	98.50%
Melting point	56-59 (°C)	56.50000 °C
Specific Rotation [α] ₂₀ /D(c=5 in CHCL ₃)	6-6.5 (°)	6.49°
Purity(GC)	98-100 (%)	99.30%
Appearance (D121001)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃	almost transparency	almost transparency



John Su
QA & QC Manager