

Certificate of Analysis

Date of Testing: 2023-12-15 10:57:28

Date of Next Testing: 2027-12-14 10:57:28

Product Name: **D-Glucose 6-Phosphate Barium Salt Heptahydrate**

CAS Number: 58823-95-3

Specifications & Purity: 98%

Lot #: L2313217

SKU #: **S161018**

Analysis: **299227**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.80%
Specific Rotation [α] _{20/D} (c=5 in 1mol/L HCl)	18-22 (°)	20.20°
Water by Karl Fischer	20-25 (%)	23.60%
Appearance(S161018)	White to Light yellow powder to crystal	White to Light yellow powder to crystal
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
ICP:Confirms Barium Component	Confirmed	Confirmed



John Su
QA & QC Manager