

Certificate of Analysis

Date of Testing: 2024-03-11 14:34:13

Date of Next Testing: 2026-03-11 14:34:13

Product Name: **Ribose-5-phosphate Barium Salt Hydrate**

CAS Number: 15673-79-7

Specifications & Purity: >95.0%(T)

Lot #: B2429488

SKU #: **R160946**

Analysis: **292416**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.12700 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 0.2M \text{ HCl})$	6-14 (°)	13.90°
ICP:Confirms Barium Component	Confirmed	Confirmed
Appearance (R160946)	white to light yellow powder or crystal	White to Light Yellow Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager