

Certificate of Analysis

Date of Testing: 2023-10-27 16:25:27

Date of Next Testing: 2026-10-26 16:25:27

Product Name: Guanosine 5'-O-(2-Thiodiphosphate) trilithium salt

CAS Number: 97952-36-8

Specifications & Purity: $\geq 85\%$

Lot #: J2320446

SKU #: G333065

Analysis: 277964

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	85-100 (%)	94.90 %
Water by Karl Fischer	0-16 (%)	7.70 %
Lithium(Li)	3.7-5.1 (%)	4.00 %
Phosphorus (P)	11.0-15 (%)	12.00 %
Ethanol(GLC-HS)	≤ 4 (%)	2.20000 %
Acetone(GLC-HS)	≤ 5 (%)	2.50000 %
Appearance(G333065)	Colorless or White Powder	Colorless or White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager