

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-07-17 08:57:21

Date of Next Testing: 2030-07-16 08:57:21

Product Name: **6-Phosphogluconic acid trisodium salt**

CAS Number: 53411-70-4

Specifications & Purity: $\geq 99\%$

Lot #: G2609125

SKU #: **P111889**

Version: **0**

Analysis #: **699542**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer(3.5mol/mol)	0-15.6 (%)	12.24110 %
glucose 6-phosphate	0-0.05 (%)	0.05000 %
Assay(enzymatic Assay)	99-100 (%)	100.00000 %
Solvent content (GC)	0-0.5 (%)	0.50000 %
Sodium(by ICP)	18.8-21.5 (%)	19.20000 %
inorganic phosphorus	0-0.5 (%)	0.50000 %
Appearance (P111889)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass	Pass



John Su
QA & QC Manager