

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-09 14:43:40

Date of Next Testing: 2029-10-08 14:43:40

Product Name: **Protamine sulfates**

CAS Number: 9009-65-8

Specifications & Purity:

Lot #: I2519477

SKU #: **P123670**

Version: **0**

Analysis #: **574610**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-1 (%)	0.50000 %
Nitrogen by Elemental Analysis (anhydrous)	22-25.5 (%)	24.10000 %
Sulfate (anhydrous)	17-20 (%)	18.60000 %
Loss on drying	0-6 (%)	2.20000 %
Appearance (P123670)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals



John Su
QA & QC Manager