

Certificate of Analysis

Date of Testing: 2024-12-10 17:59:29

Date of Next Testing: 2028-12-09 17:59:29

Product Name: **Strontium hydroxide octahydrate**

CAS Number: 1311-10-0

Specifications & Purity: $\geq 99.5\%$ metals basis

Lot #: L2405037

SKU # **S105408**

Version **0**

Analysis #: **061766**

Parameter	Limit Values	Result
Loss on drying	50-55 (%)	54.48 %
Total Metallic Impuritie	0-5000 (ppm)	131.00 ppm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.99 %
Sr(OH) ₂ (Titration by HCL)	44-46 (%)	45.05 %
Appearance (S105408)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
ICP: Confirms Strontium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager