

## Certificate of Analysis

Date of Testing: 2023-06-26 18:03:40  
Date of Next Testing: 2025-06-25 18:03:40  
Product Name: **Sodium sulfide**  
CAS Number: 1313-82-2  
Specifications & Purity: 95%  
Lot #: F2316521  
SKU #: **S138149**  
**Analysis:** **227491**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> )	94-105 (%)	98.23 %
Appearance (S138149)	White to Yellow to Tan Powder, Flakes or Solid	White to Yellow to Tan Powder, Flakes or Solid
ICP: Confirms Na and S Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager