

## Certificate of Analysis

Date of Testing: 2024-08-14 11:07:14  
Date of Next Testing: 2028-08-13 11:07:14  
Product Name: **CAPS**  
CAS Number: 1135-40-6  
Specifications & Purity:  $\geq 98.0\%$   
Lot #: H2407287  
SKU #: **C105209**  
Version: **0**  
Analysis #: **386102**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	46.8-49.1 (%)	48.43 %
Sulfur by Elemental Analysis	13.2-14.9 (%)	13.52 %
A290 UV Absorbance (15%)	0-0.05	0.01
Heavy metal (as Pb)	0-5 (ppm)	1.30 ppm
Water by Karl Fischer	0-1 (%)	0.30 %
Purity (Titration by NaOH)(anhydrous)	98-100 (%)	98.39 %
Appearance (C105209)	white crystalline powder	white crystalline powder
Solubility, Colorless, Clear, at 15 g plus 85 ml of H <sub>2</sub> O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager