

Certificate of Analysis

Date of Testing: 2025-01-17 14:39:03

Date of Next Testing: 2029-01-16 14:39:03

Product Name: **CAPS**

CAS Number: 1135-40-6

Specifications & Purity: $\geq 98.0\%$

Lot #: A2517005

SKU #: **C105209**

Version: **0**

Analysis #: **464749**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	46.8-49.1 (%)	48.64 %
Sulfur by Elemental Analysis	13.2-14.9 (%)	14.90 %
A290 UV Absorbance (15%)	0-0.05	0.02
Purity (Titration by NaOH)(anhydrous)	98-100 (%)	99.61 %
Heavy metal (as Pb)	0-5 (ppm)	0.27 ppm
Water by Karl Fischer	0-1 (%)	0.52 %
Appearance (C105209)	white crystalline powder	white crystalline powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless, Clear, at 15 g plus 85 ml of H ₂ O	pass	Pass



John Su
QA & QC Manager