

Certificate of Analysis

Date of Testing: 2022-10-09 12:26:58

Date of Next Testing: 2026-10-08 12:26:58

Product Name: **CAPS**

CAS Number: 1135-40-6

Specifications & Purity: $\geq 98.0\%$

Lot #: I2226210

SKU # **C105209**

Analysis: 141693

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 (%)	14.20 %
A290 UV Absorbance (15%)	0-0.05	0.03
Purity (Titration by NaOH)(anhydrous)	98-100 (%)	98.48 %
Heavy metal (as Pb)	0-5 (ppm)	1.25 ppm
Water by Karl Fischer	0-1 (%)	0.53 %
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