

Certificate of Analysis

Date of Testing: 2023-08-15 10:35:33
Date of Next Testing: 2027-08-14 10:35:33
Product Name: **CAPS**
CAS Number: 1135-40-6
Specifications & Purity: $\geq 98.0\%$
Lot #: K1904196
SKU #: **C105209**
Analysis: **264036**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	46.8-49.1 (%)	48.92 %
Sulfur by Elemental Analysis	13.2-14.9 (%)	13.82 %
A290 UV Absorbance (15%)	0-0.05	0.02
Purity (Titration by NaOH)(anhydrous)	98-100 (%)	98.01 %
Heavy metal (as Pb)	0-5 (ppm)	2.50 ppm
Water by Karl Fischer	0-1 (%)	0.36 %
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