

Certificate of Analysis

Date of Testing: 2024-08-14 11:06:43
Date of Next Testing: 2028-08-13 11:06:43
Product Name: **CAPS**
CAS Number: 1135-40-6
Specifications & Purity: $\geq 98.0\%$
Lot #: H2407286
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 ₂ O | pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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QA & QC Manager