

Certificate of Analysis

Date of Testing: 2024-06-05 15:33:35
Date of Next Testing: 2028-06-04 15:33:35
Product Name: **CAPS**
CAS Number: 1135-40-6
Specifications & Purity: $\geq 98.0\%$
Lot #: E2427340
SKU #: **C105209**
Version: **0**
Analysis #: **348476**
Storage Temperature: Room temperature

| Parameter | Limit Values | Result |
|--|--------------------------|--------------------------|
| Carbon by Elemental Analysis | 46.8-49.1 (%) | 48.51% |
| Sulfur by Elemental Analysis | 13.2-14.9 (%) | 14.06% |
| A290 UV Absorbance (15%) | 0-0.05 | 0.01 |
| Heavy metal (as Pb) | 0-5 (ppm) | 3.14 ppm |
| Water by Karl Fischer | 0-1 (%) | 0.18% |
| Purity (Titration by NaOH)(anhydrous) | 98-100 (%) | 98.46% |
| Solubility, Colorless, Clear, at 15 g plus 85 ml of H ₂ O | pass | Pass |
| Appearance (C105209) | white crystalline powder | white crystalline powder |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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QA & QC Manager