

Certificate of Analysis

Date of Testing: 2022-09-20 14:34:41

Date of Next Testing: 2026-09-19 14:34:41

Product Name: **Ammonium thiocyanate**

CAS Number: 1762-95-4

Specifications & Purity: PrimorTrace™, ≥99.99% metals basis

Lot #: I2214322

SKU #: **A112659**

Version: **3**

Analysis #: **106703**

Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|---|----------------------------------|----------------------------------|
| PH | 4.5-6 | 5.08 |
| total metallic impurities(by ICP Atomic emission) | 0-200 (ppm) | 42.00 ppm |
| Sulfate(SO42-) | 0-0.005 (%) | 0.00 % |
| Heavy metals | 0-5 (ppm) | 0.03 ppm |
| Purity(Based on Trace Metals Impurities of ICP) | 99.99-100 (%) | 100.00 % |
| Iron(Fe) | 0-3 (ppm) | 0.00 ppm |
| Ignition Residue | 0-0.025 (%) | 0.01 % |
| Chloride (Cl-) | 0-0.005 (%) | 0.00 % |
| Appearance (A112659) | colorless to white crystal solid | colorless to white crystal solid |
| ICP:Confirms Sulfur Component | Confirmed | Confirmed |
| Solubility in H2O , Colorless Clear 20g plus 150 ml | pass | Pass |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



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