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Product Specifications

| | |
|--------------------------|---|
| Catalogue Number | 04425 |
| Product | S-Acetamidomethyl-D-cysteine hydrochloride S-Acetamidomethyl-D-cysteine hydrochloride |
| CAS Number | 200352-41-6 |
| Molecular Formula | C ₆ H ₁₂ N ₂ O ₃ S·HCl |
| Molecular Weight | 228.7 |

| | |
|------------------------------------|--|
| Appearance | White to off-white powder |
| Solubility | Clear solution (0.3 gram in 2 ml H ₂ O) |
| Melting Point | 150-183 °C |
| Water Content (Karl Fisher) | ≤ 1% |
| Optical Rotation | [α] _D ²⁰ = +30 ± 3° (C=1 in Water) |
| Infrared Spectrum | Conforms to structure |
| Analysis by Mass Spectra | Conforms to structure |
| Loss on Drying | ≤ 1% (60 °C for 2 hours) |
| ¹H NMR | Conforms to structure |
| Purity by HPLC | ≥ 98% |
| Storage | Store at 0-8°C |

For Laboratory Use Only