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Certificate of Analysis

Catalogue Number 04425
Lot Number 130323-13111
Product **S-Acetamidomethyl-D-cysteine hydrochloride**

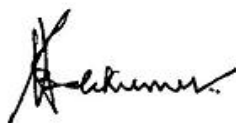
S-Acetamidomethyl-D-cysteine hydrochloride

CAS Number 200352-41-6
Molecular Formula C₆H₁₂N₂O₃S·HCl
Molecular Weight 228.7

Appearance White powder
Solubility Clear solution, (0.3 gram in 2 ml H₂O)
Melting Point 151.9-157.2 °C
Water Content (Karl Fisher) 0.5%
Optical Rotation [α]_D²⁰ = +30.5 ° (C=1 in Water)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to structure
Loss on Drying 0.26%
¹H NMR Conforms to structure
Purity by HPLC 99.96%
Storage Store at 0-8°C

Remarks See material safety data sheet for additional information
For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager