

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	03046
Lot Number	000424-130221-12999
Product	S-Acetamidomethyl-L-cysteine hydrochloride

L-Cys(Acm)-OH•HCl

CAS Number	28798-28-9
Molecular Formula	C ₆ H ₁₂ N ₂ O ₃ S•HCl

Molecular Weight	228.7
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Appearance	White powder
Solubility	Clear solution (0.3 g in 2mL Water)
Melting Point	145.2-155.6 °C
Water Content (Karl Fisher)	0.49%
Optical Rotation	[α] _D ²⁰ = -32.4° (C=1 in H ₂ O)
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	0.13% (70 °C, 2h)
Purity by HPLC	98.98%
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