

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	00629
Product	S-Carboxymethyl-L-cysteine
Lot Number	001192-130420
	L-Cys(carboxymethyl)-OH (R)-2-Amino-3-(carboxymethylthio)propionic acid
CAS Number	638-23-3
Molecular Formula	C ₅ H ₉ NO ₄ S
Molecular Weight	179.19

Appearance	Almost white crystalline powder or small flakes
Heavy Metals	< 10 ppm
Anion	Chloride : < 0.15% Sulfate : < 300 ppm
pH	2.93
Optical Rotation	[α] _D ²⁰ = -33.68 °
Loss on Drying	0.22%
Sulfated Ash	0.09%
Assay	99.52%
Grade	EP
Storage	Store at 0-8°C
Additional Information	State of solution : Clear and colorless Ninhydrin positive substances : < 0.5%
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