

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	00437
Lot Number	002436-20220521
Product	L-Cysteine L-Cys-OH (R)-2-Amino-3-mercaptopropionic acid
CAS Number	52-90-4
Molecular Formula	C ₃ H ₇ NO ₂ S
Molecular Weight	121.16

Appearance	White crystalline powder
Heavy Metals	< 10 ppm
Anion	Chloride (Cl ⁻) : < 0.04% Sulfate (SO ₄ ²⁻) : < 0.030%
Cation	Ammonium (NH ₄) : < 0.02% Iron (Fe) : < 10 ppm Arsenic (As ₂ O ₃) : < 1 ppm
pH	5.24
Optical Rotation	[α] _D ²⁰ = 8.9 °
Transmission	99.3%
Loss on Drying	0.15%
Other Amino Acids	Chromatographically Not detectable
Residue On Ignition	0.08%
Assay	99.5%
Storage	Store at RT
Additional Information	Identification : Passes test

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Lot Number: 002436-20220521

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