

## **Gojira Fine Chemicals, LLC**

Quality Products & Services Meeting Customer Needs
5386 Majestic Parkway, Suite 7, Bedford Heights, OH 44146
www.gojirafc.com • sales@gojirafc.com

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## **Specification**

## L-Cysteine

CAS Number: 52-90-4
Molecular Formula: C3H7NO2S
Molecular Weight: 121.16
Storage: 15°C - 30°C

Test	Specification
Appearance: White crystalline powder	White crystalline powder
Arsenic:	≤ 0.0002 %
Assay:	98.0 - 102.0 %
Chloride (CI):	≤ 0.05 %
Heavy Metals:	≤ 0.001 %
Iron (Fe):	≤ 0.003 %
Loss on Drying:	≤ 0.5 %
Residue on Ignition:	≤ 0.2 %
Solubility:	Slightly soluble in water
Specific Rotation:	+7 - +9 °
Sulfate:	≤ 0.03 %

Approved: John Grubb

John Grubb, PhD

Gojira Fine Chemicals Quality Manager

Tel: 440-252-5397, Fax: 888-211-5523

docsupport@gojirafc.com