

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

**Catalogue Number** 29944  
**Lot Number** 001192-180906  
**Product** **L-Cystine**

(H-L-Cys-OH)<sub>2</sub>

**CAS Number** 56-89-3  
**Molecular Formula** C<sub>6</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub>S<sub>2</sub>

**Molecular Weight** 240.3

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**Appearance** White crystals or crystalline powder  
**Cation** Lead (Pb): < 5 ppm  
**Mould and Yeast** < 100 cfu/g  
**Optical Rotation** [α]<sub>D</sub><sup>20</sup> = - 218.13 °  
**Infrared Spectrum** Conforms to structure  
**Loss on Drying** 0.14%  
**Coliform Organisms** < 10 cfu/g  
**E. Coli, Salmonella, S.Aureus** Negative  
**Microbial Count** < 1000 cfu/g (Total plate count)  
**Pseudomonas Aeruginosa** Negative  
**Sulfated Ash** 0.07%  
**Assay** 100.8%  
**Grade** FCC IX, non-animal source  
**Storage** Store at RT

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**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**