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## Product Specification

Product Name:

L-Cysteine - ≥97%, FG

Product Number:

**W326305**

CAS Number:

52-90-4

MDL:

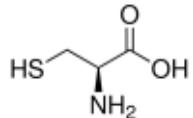
MFCD00064306

Formula:

C3H7NO2S

Formula Weight:

121.16 g/mol

**TEST****Specification**

Appearance (Color)

White

Appearance (Form)

Powder or Crystals

Infrared spectrum

Conforms to Structure

Titration with KIO3

97.0 - 103.0 %

Solubility (Turbidity)

Clear

0.5g/20ml; Water

Solubility (Color)

Colorless

Optical Rotation

8.0 - 9.5 deg

c = 8%; 1M HCl

Arsenic (As)

≤ 3 ppm

Cadmium (Cd)

≤ 1 ppm

Mercury (Hg)

≤ 1 ppm

Lead (Pb)

≤ 10 ppm

Expiration Date Period

5 Years

Specification: PRD.2.ZQ5.10000025089

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.