

Certificate Of Analysis

L-Cysteine
For Biochemistry

Manufacture date : 01/2016
Expiry date : 01/2021

Product code:203030025
C.A.S. : 52-90-4
EINECS : 200-158-2
Batch N°: 203030025-0116-011
Formula: C₃H₇NO₂S
Mass weight : 121.16

Analysis :

	Specifications:	Results:
Description	A white crystalline powder.	A white crystalline powder.
Assay	Min. 99.0%	99.65%
Specific rotation	8.0°-9.0°	8.46°
UV absorption	Max. 0.5	0.42
Loss on drying (105°C;3h)	Max. 0.3%	0.18%
Chloride (Cl)	Max. 0.002%	<0.002%
Sulphate (SO ₄)	Max. 0.01%	<0.01%
Heavy metals (as Pb)	Max. 0.001%	0.0002%
Ammonium (NH ₄)	Max. 0.01%	<0.01%
Foreign amino acids	Max. 0.5%	<0.5%
Other ninhydrin-positive substances (as glycine)	Max. 0.1%	<0.1%



H302
P264-P270-P301
P312-P330-P501a

Complies with EP standard.

The product is certified by *Biochem* Chemopharma laboratory.

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