

**neoFroxx GmbH**

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## Specification

Product	L-Cystine for cell biology
Product number	1208
Synonyms	3,3'-Dithio-bis-(2-aminopropionic acid)
Formula	C <sub>6</sub> H <sub>12</sub> N <sub>2</sub> O <sub>4</sub> S <sub>2</sub>
Molecular weight	240.30 g/mol
CAS number	56-89-3
Storage	below 25°C
Retest period (months)	48

All amino acids from neoFroxx are of non-animal origin!

Parameter	Specification
Endotoxin	passes test
Assay (titr.)	>= 99 %
Loss on drying	<= 0.2 %
Specific rotation	-218° to -224°
Other amino acids	<= 0.5 %
Ammonium (NH <sub>4</sub> )	<= 0.1 %
Chloride (Cl)	<= 0.02 %
Sulfate (SO <sub>4</sub> )	<= 0.02 %
Arsenic (As)	<= 0.0001 %
Iron (Fe)	<= 0.001 %
Lead (Pb)	<= 0.001 %

Einhausen, 27.02.2025