

**neoFroxx GmbH**

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## Specification

<b>Product</b>	<b>L-Cystine for cell biology</b>
<b>Brand</b>	BioFroxx

Product number	1208
Synonym(s)	3,3'-Dithio-bis-(2-aminopropionic acid)
Formula	$C_6H_{12}N_2O_4S_2$
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!

<b>Parameter</b>	<b>Specification</b>
Pyrogen test	passes test
Assay (titr.)	min. 99 %
Loss on drying	max. 0.2 %
$\alpha$ 20°C/D; 10 %, 1 M HCl	-218° to -224°
Other amino acids	max. 0.5 %
Ammonium	max. 0.1 %
Chloride	max. 0.02 %
Sulfate	max. 0.02 %
As	max. 0.0001 %
Fe	max. 0.001 %
Pb	max. 0.001 %

Einhausen, 14.02.2020