

neoFroxx GmbH

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Specification

Product	L-Cysteine hydrochloride monohydrate for cell biology
Product number	1207
Synonyms	Cys, L-Cysteinium chloride monohydrate
Formula	$C_3H_7NO_2S \cdot HCl \cdot H_2O$ (revised)
Molecular weight	175.64 g/mol
CAS number	7048-04-6
Storage	below 25°C
Retest period (months)	48

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

Parameter	Specification
Assay (titr.)	$\geq 99 \%$
Specific rotation	+6.1° to +7.8°
Other amino acids	complies
Ammonium (NH ₄)	$\leq 0.02 \%$
Chloride (Cl)	19.89 - 20.29 %
Sulfate (SO ₄)	$\leq 0.02 \%$
Arsenic (As)	$\leq 0.0001 \%$
Iron (Fe)	$\leq 0.001 \%$
Heavy metals (Pb)	$\leq 0.001 \%$
Endotoxin	≤ 24 EU/g

Einhausen, 20.11.2024