



Material	21501-KA
Material description	L-Cystine dihydrochloride
CAS Number	30925-07-6
Molecular formula	C ₆ H ₁₂ N ₂ O ₄ S ₂ .2HCl
Molecular mass	313.22
Storage	Store between 15 °C and 30 °C.
Additional information	

Characteristics	Specifications
Assay (titration; dried basis)	98.0 - 102.0 %
Appearance	Conforms (see CoA/CoS)
Identification (IR)	Matches reference
Solubility in water (100 mg/l)	Clear and complete
pH (25°C; 0.1 %)	0 - 14
Spec.rot.(20°C; c=2;HCl 1N; dried@105°C)	-225 - -210 °
Heavy metals (as Pb)	≤ 20 ppm
Loss on drying (105°C)	≤ 1.0 %
Residue on ignition	≤ 0.1 %
Cl (Chloride)	22.2 - 23.5 %
Bioburden	≤ 50 CFU/g
Endotoxin (0.1 %; KTA)	≤ 0.02 EU/mg
Country of origin	USA
Source (non-animal/non-human derived)	Confirmed

Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

Susan Marra, Quality Assurance Manager - Sanborn
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 NY 14132; USA

Additional information

Appearance: White to slightly yellow crystalline powder.