

Product Specification

Material Material description 21501-KA L-Cystine dihydrochloride

CAS Number Molecular formula Molecular mass Storage Additional information 30925-07-6 C6H12N2O4S2.2HCl 313.22 Store between 15 °C and 30 °C.

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	
рН (25°С; 0.1 %)	0 - 14	
Spec.rot.(20°C; c=2;HCl 1N; dried@105°C)	-225210 °	
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	

gnature	Additional information	
e certify that this batch conforms to the specifications ted above.	Appearance: White to slightly yellow crystalline powder.	
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ısan Marra, Quality Assurance Manager - Sanborn NR Chemicals, LLC; 6351 East Inducon Drive; Sanborn; Y 14132; USA		
For Professional use in Laboratory or Manufacturing. Not for use as an Active Pharmaceutical Ingredient or Food or Animal Feed. Suitability and intended use of the product remains the responsibility of the user.		

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