



CERTIFICATE OF ANALYSIS

Product	L-Cystine
Grade	USP Grade
Product Code	CB0088
Formula	$C_6H_{12}N_2O_4S_2$
MW	240.30
CAS#	56-89-3
Lot#	

Testing Items	Specifications	Results
Appearance	A white to off-white powder	
Specific rotation(On dried basis)	-215°~ -225°	
pH	5.5~6.5	
Loss on drying	≤0.2%	
Heavy Metals (as Pb)	≤0.001%	
Transmittence	≥98%	
Ammonium (NH ₄)	≤0.02%	
Chloride	≤0.020%	
Iron(Fe)	≤0.002%	
Sulfate(SO ₄ ²⁻)	≤ 0.020%	
Arsenic(As ₂ O ₃)	≤0.0001%	
Residue on ignition	≤0.10%	
Assay	98.5% - 101.0%	
Other amino acid	None	

Storage: Store at room temperature. Protect from moisture