

CERTIFICATE OF ANALYSIS

PRODUCT NAME: L-Cysteine,99%

ITEM NUMBER: C108237
BRAND: Aladdin
CAS NUMBER: 52-90-4
MDL NUMBER: MFCD00064306
FORMULA: C₃H₇NO₂S
MOLECULAR WEIGHT: 121.16

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	white crystal or crystal powder		
Enantiomeric excess	96 %	100 %	100 %
Infrared spectrum	Conforms to Structure		
Purity(iodometric titration)	98.5 %	101.5 %	101.5 %
Solubility in 1N HCl	Clear Colorless,c = 5%		
Specific rotation [α] ₂₀ /D(C=8,1mol/L HCl)	++8.3 °	++2 °	++9.2 °