



Certificate of Analysis

L-Cystine Disodium Salt Anhydrous

Catalog Number: CY1007
Lot Number: 0428701
CAS Number: 64704-23-0
Synonym(s): (R,R)-3,3'-Dithiobis(2-aminopropionicacid)
Molecular Formula: $C_6H_{12}N_2O_4S_2 \cdot Na_2$
Molecular Weight: 284.28
Storage: 15°C – 30°C
Date of Manufacture: January 3, 2017
Retest Date: January 2, 2020

Test	Specification	Result
Appearance	White to light yellow powder	Conforms
Assay (Titration)	$\geq 98.0\%$	99.0%
Identification (IR)	To meet requirements	Conforms
Solubility (1% in H ₂ O)	Clear & almost colorless	Conforms
pH (1%)	9.5 – 11.0	10.6
Moisture (LOD)	$\leq 8.0\%$	2.8%

Approved by:

Date: April 28, 2017

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