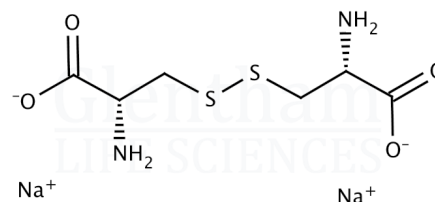


## Certificate of Analysis

Product Name	L-Cystine disodium salt
Glentham Code	GE3746
CAS Number	64704-23-0
EINECS	265-025-3
MDL Number	MFCD00037206
PubChem SID	310270769
Batch Number	502WQB
Molecular Weight	284.30
Molecular Formula	$C_6H_{10}N_2Na_2O_4S_2$
Storage Temp.	+20°C



Property	Specification	Batch 502WQB
Physical Description	White to off-white or pale yellow-brown crystalline powder	Off-white powder
Solubility (1% in water)	Clear, colourless to very faint yellow solution	Clear, colorless solution
pH (1% in water)	10.0 - 11.0	10.9
Specific Optical Rotation ( $[\alpha]_{20/D}$ )	-165.0 - -178.0 ° (c=2, 1M HCl)	-176.8°
Loss on Drying	≤ 2.0% (70°C, 1h)	0.6%
Assay	≥ 98.0%	99.2%

Specification Version	v1.0
Manufacture Date	2023-08-10
Re-Test Date	2031-07-03

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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