



CERTIFICATE OF ANALYSIS

L-CYSTINE

ITEM	SPECIFICATION	RESULT
1. Appearance:	white crystalline powder	Conform
2. Specific rotation:	-218~-224.0	-220.5
3. Assay:	98.5--101.0%	99,45%
4. Loss on drying:	0.2% Max.	0,045%
5. Residue on ignition:	0.1% Max.	0,03%
6. Chloride:	0.02% Max.	0,04%
7. Fe:	10ppm Max.	Conform
8. Pb:	10ppm Max.	Conform
9. State of solution:	98.0%% Min.	99.50%
10. Other amino acids:	Negative	None