



CERTIFICATE OF ANALYSIS

L-METHIONINE

ITEM	SPECIFICATION	RESULT
1. Specific rotation:	+22.4-+24.7	22.2
2. PH:	5.6-6.1	6.0
3. Chloride:	Not more than 0.05%	Less then 0.05%
4. Sulfate:	Not more than 0.03%	Less then 0.05%
5. Heavy metals	Not more than 0.0010%	Less then 0.0010%
6. Iron:	Not more than 0.003%	Less then 0.003%
7. Loss on drying:	Not more than 0.3%	0.1%
8. Residue on ignition:	Not more than 0.4%	0.1%
9. Assay:	98.5-101.5%	99.60%