



## CERTIFICATE OF ANALYSIS

### L-ASPARTIC ACID

ITEM	SPECIFICATION	RESULT
1. Appearance:	white crystalline powder	Conform
2. Assay:	98.5 -101.0%	99.47%
3. Specification:	+24.8 - +25.8	25.72%
4. Transmittance:	Not less than 98.0%	99.0%
5. Loss on drying:	Not more than 0.20%	0.02%
6. Residue on ignition:	Not more than 0.1%	0.06%
7. Other amino acids:	Not detectable	None
8. Chloride:	Not more than 0.02%	Less than 0.02
9. Sulphate:	Not more than 0.02%	Less than 0.02%
10. Ammonium salt:	Not more than 0.02%	Less than 0.02
11. Iron:	Not more than 10ppm	Less than 10pp
12. Heavy metals:	Not more than 10ppm	Less than 10ppm
13. Arsenic:	Not more than 1ppm	Less than 1ppm
14. PH:	2.5 -3.5	3.0

**Conclusion:** Conform to AJI97.