

**Specification Sheet**

Product Name	D- aspartic acid		
Packing	25Kg/Drum	Shelf Life:	24Months

Analysis	Specification	Test methods
Assay	98.5~101.0%	AJI TEXT 14
SPECIFIC ROTATION [a] <sup>20</sup> <sub>D</sub>	-24.0°~-26.0°	AJI TEXT 1
PH	2.5~3.5	AJI TEXT 33
Loss on drying	≤0.20%	AJI TEXT 11
Residue on ignition	≤0.10%	AJI TEXT 13
Heavy metals [Pb]	≤10ppm	AJI TEXT 7
Chloride [Cl <sup>-</sup> ]	≤0.02%	AJI TEXT 3
Iron [Fe]	≤10ppm	AJI TEXT 6
Arsenic[As <sub>2</sub> O <sub>3</sub> ]	≤1ppm	AJI TEXT 8
Sulfate [SO <sub>4</sub> <sup>2-</sup> ]	≤0.02%	AJI TEXT 5
Ammonium salt[NH <sub>4</sub> <sup>+</sup> ]	≤0.02%	AJI TEXT 4
Lead	≤ 5ppm	FCCIV
Cadmium	≤ 0. 3ppm	Enterprise standard
Mercury	≤ 0.2ppm	Enterprise standard
Total Plate Count	<1000 Cfu/g	USP TEXT 61
Yeasts & molds	<100 Cfu/g	USP TEXT 61
Conclusion	Specification meet Enterprise standard	