

CERTIFICATE OF ANALYSIS

Product Name	D-Aspartic Acid	Batch Number	CP05170331
Quantity	25.0Kg	Manufacture Date	Mar 15, 2017
Standard	AJ192	Expiry Date	Mar 14, 2019

Items	Specifications	Results
Assay	98.5%~101.0%	99.51%
Specific Rotation $[\alpha]_D^{20}$	-24.8°~ -26°	25.32°
PH	2.5~3.5	2.76
Transmittance	≥98.0%	99%
Loss on Drying	≤0.02%	<0.02%
Residue on Ignition	≤0.10%	<0.1%
Heavy Metals[Pb]	≤10ppm	<10ppm
Chloride[Cl]	≤0.02%	<0.02%
Iron[Fe]	≤10ppm	<10ppm
Arsenic[As]	≤1ppm	<1ppm
²⁻ Sulfate[S _o 1	≤0.02%	<0.02%
⁺ Ammonium[NH ₄ 1	≤0.02%	<0.02%
Lead	≤3ppm	<3ppm
Cadmium	≤1ppm	<1ppm
Mercury	≤0.1ppm	<0.1ppm
Total plate count	≤1000 cfu/g	<1000cfu/g
Yeast & Mold	≤100 cfu/g	<100cfu/g
E. Coli	Negative	Negative
Salmonella	Negative	Negative
Packing and Storage	Pack in paper-drums and two plastic-bags inside Net Weight: 25kgs/drum Store in a well-closed container away from moisture and heat	