

CERTIFICATE OF ANALYSIS

Product name:	D-Aspartic acid		
Batch No.:	F11909181B2	Quantity:	300 KG
Manufacture date:	2019.09.18	Expiry date:	2021.09.17

Reference standard:	AJI92	
(ITEM)	(STANDARD)	(RESULT)
Appearance	White crystals or Crystalline powder	Conforms
Assay	99.0%~ 101.0 %	99.52 %
Transmittance	≥98.0 %	98.6 %
Specific rotation [α]D20	-24.0 °C ~ -26.0 °C	-25.20 °C
Loss on drying	≤0.20 %	0.05 %
Chloride (Cl)	≤0.02 %	<0.01 %
Sulfate (SO4)	≤0.020 %	<0.01 %
Ammonium	≤0.02 %	<0.02 %
Iron (Fe)	≤10ppm	<6ppm
Heavy metals,as Pb	≤10ppm	<10 ppm
Arsenic (As2O3)	≤1ppm	<1ppm
Residue on ignition	≤0.10%	0.07 %
Other amino acids	≤0.30 %	<0.03 %
pH	2.5~3.5	2.8
Conclusion:	Material conforms to the AJI92 standard.	
Analysis date:	2019.09.20	