

Certificate of Analysis			
Product name: D-Aspartic Acid		AC code: AC02259b	
Batch No	20260407	Quantity	1000kgs
Manufacturing Date	20260407	Expiry Date	20280406
Item	Specifications	Test Result	
Appearance & Solubility			
Appearance	White crystal or crystalline white powder	Conforms	
Typical Analysis			
Specific rotation [α] _{D20}	-24.8 °to -25.8°	20.27	
State of solution	Not less than 98.0%	<1	
Chloride (Cl)	Not more than 0.02%	Conforms	
Ammonium	Not more than 0.02%	Conforms	
L-Isomer content	Not more than 0.50%	Conforms	
Other amino acids	Not more than 0.3%	Conforms	
Iron(Fe)	Not more than 10ppm	Conforms	
Heavy metals	Not more than 10ppm	Conforms	
Lead	Not more than 3ppm	Conforms	
Arsenic(as As ₂ O ₃)	Not more than 1ppm	Conforms	
Mercury	Not more than 0.1ppm	Conforms	
Cadmium	Not more than 1ppm	Conforms	
Loss on drying	Not more than 0.2%	0.06%	
Residue on ignition	Not more than 0.10%	0.05%	
Assay	98.5% to 101.0%	99.5%	
PH	2.5 to 3.5	3.00	
Total Plate Count	Not more than 1000cfu/g	Conforms	
Yeast and Mould	Not more than 100cfu/g	Conforms	
E.Coli	Negative	Negative	
Salmonella	Negative	Negative	
S.aureus	Negative	Negative	
Conclusion: Test results conform to above-mentioned specifications			

Checker: John



Approval: Mark