


CERTIFICATE OF ANALYSIS

Product Name:	N-Acetyl-L-Glutamic Acid	Report Date:	Aug 04, 2017
Formula:	C ₇ H ₁₁ NO ₅	Batch No.:	170802
CAS No.:	1188-37-0	Manu. Date:	Aug 02, 2017
Inspection Standard:	AJI92	Exp. Date:	Aug 01, 2019

RESULTS OF ANALYSIS

Test Items	Specifications	Results
Appearance	White crystals or crystalline powder	Conforms
Specific rotation $[\alpha]_D^{20}$	-14.0° to -17.0°	-15.8°
Identification	Infrared Absorption	Conforms
State of solution (Transmittance)	Clear and colorless Not less than 95.0%	98.0%
Heavy Metals(Pb)	Not more than 20ppm	<20ppm
Arsenic	Not more than 2ppm	<2ppm
Other amino acids	No spot	Conforms
Loss on drying	Not more than 0.5%	0.15%
Residue on ignition(sulfated)	Not more than 0.3%	0.06%
Assay	98.0% to 102.0%	99.9%
PH	1.7 to 2.8	2.2
Conclusion:	Conforms to the specifications of AJI92.	

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