


CERTIFICATE OF ANALYSIS

Product Name:	N-Acetyl-L-Tyrosine	Report Date:	Jul 14, 2017
Formula:	C ₁₁ H ₁₃ NO ₄	Batch No.:	170711
CAS No.:	537-55-3	Manu. Date:	Jul 11, 2017
Inspection Standard:	AJI92	Exp. Date:	Jul 10, 2019

RESULTS OF ANALYSIS

Test Items	Specifications	Results	Test Methods
Appearance	White crystals or crystalline powder	White crystalline powder	Visual
Identification	Meets the requirements	Meets the requirements	IR
Specific rotation $[\alpha]_D^{20}$	+46.5 to +49.0°	+47.2°	AJI Test 1
State of solution(Transmittance)	Not less than 96.0%	97.8%	AJI Test 2
Chloride (Cl)	Not more than 0.020%	<0.020%	AJI Test 3
Ammonium (NH ₄)	Not more than 0.02%	<0.02%	AJI Test 4
Sulfate (SO ₄)	Not more than 0.020%	<0.020%	AJI Test 5
Iron (Fe)	Not more than 30ppm	<10ppm	AJI Test 6
Heavy metals (Pb)	Not more than 10ppm	<10ppm	AJI Test 7
Lead	Not more than 3ppm	<3ppm	AFS
Arsenic (as As ₂ O ₃)	Not more than 1ppm	<1ppm	AJI Test 8
Loss on drying	Not more than 0.5%	0.12%	AJI Test 11
Residue on ignition (Sulfated)	Not more than 0.1%	0.05%	AJI Test 13
Assay	99.0 to 101.0 %	100.7%	AJI Test 17
Tyrosine	Not more than 1.0%	<1.0%	Liquid Chromatography
pH	2.0 to 3.0	2.3	AJI Test 33
Conclusion:	Conforms to the specification of AJI92 		

Analyst: **侯健之**Auditor: **辽薛兰**Chief of QC: **于铁梅**