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N-Acetyl-L-Tyrosine

CERTIFICATE OF ANALYSIS

Product Name	N-Acetyl-L-Tyrosine	Batch Number	SC20190412
Quantity	600kgs	Manufacture Date	April 12, 2019
CAS Number	537-55-3	Expire Date	April 11, 2021

Items	Specifications	Results
Appearance	White crystals or crystalline powder	Conforms
Specific rotation $[\alpha]_{D20}$	+46.5 to +49.0°	+46.7°
State of solution (Transmittance)	Not less than 96.0%	97.8%
Chloride(CL)	$\leq 0.02\%$	<0.020%
Ammonium(NH ₄)	$\leq 0.02\%$	< 0.02%
Sulfate(SO ₄)	$\leq 0.02\%$	< 0.020%
Iron(Fe)	$\leq 30\text{ppm}$	< 10 ppm
Heavy metals(Pb)	$\leq 10\text{ppm}$	< 10 ppm
Arsenic(as As ₂ O ₃)	$\leq 2\text{ppm}$	< 2 ppm
Loss on Drying	$\leq 0.5\%$	0.12%
Residue on ignition(sulfated)	$\leq 0.1\%$	0.06%
Assay	99.0 to 101.0 %	99.3%
Tyrosine	Not more than 1.0%	<1.0%
pH	2.0 to 3.0	2.3
Melamine	Negative	Negative
Total plate count	NMT 1000 CFU/G	Conforms
Mold and Yeast	NMT 100/g	Conforms
E.coli	Negative	Negative
Salmonella	Negative	Negative
Coliforms	Negative	Negative
Conclusion	Agree with the specification of AJI92.	

