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R/05

CERTIFICATE OF ANALYSIS

Product Name:	L-Tyrosine	CAS No.:	60-18-4
Quantity:	1000kgs	Manufacture Date:	Dec 27, 2018
Batch No.:	56184298	Analysis Date:	Jan 01, 2019
Quality Standard:	EP7	Expiry Date:	Dec 26, 2020
Test Items	Limit	Result	
Identification	Conforms (As per EP7)	Conforms	
Appearance	A white or almost white crystalline powder or colorless crystals	Conforms	
Appearance of solution	Clear and not more intensely colored than reference solution Y ₇	Conforms	
Specific rotation	-11.0° to -12.3°	-11.6°	
Ninhydrin-positive substances	Conforms (As per EP7)	Conforms	
Chlorides	≤200ppm	<200ppm	
Sulfates	≤300ppm	<300ppm	
Ammonium	≤200ppm	<200ppm	
Iron	≤10ppm	<10ppm	
Heavy Metals	≤10ppm	<10ppm	
Lead	≤ 3ppm	<3ppm	
Cadmium	≤ 1ppm	<1ppm	
Mercury	≤ 0.1ppm	<0.1ppm	
Loss on Drying	≤0.5%	0.16%	
Sulphated Ash	≤0.1%	<0.1%	
Assay	99.0% to 101.0%	99.6%	
Conclusion: The products conform to EP7 standard.			
Reported by: 陈燕		Verified by: 郭刚	
Storage: Preserve in well-closed containers and protected from light			



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