

Chongqing Chinabase Star Import & Export Co., LTD.

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CERTIFICATE OF ANALYSIS

Product Name:	Tranexamic acid	CAS NO.:	1197-18-8
Mfg Date:	20250623	Batch No.	202506004
Test Date:	2025.06.23	Retest Date:	2027.06.22
Quantity	500kg	Package	25kg/drum
Item	Specification	Result	
Assay	98.0%-101.0% (dried substance)	99.8%	
Appearance	White crystalline powder	Conform	
Solubility	Freely soluble in water and practically insoluble in ethanol (99.5%)	Conform	
IR	Compare the spectrum with the reference spectrum or the spectrum of tranexamic acid RS: both spectra exhibit similar intensities of absorption at the same wave numbers	Conform	
pH	7.0-8.0	7.3	
Clarity and color of solution	The solution should be clear and colorless	Clear and colorless	
Related substance	Peak with a relative retention time of 1.1 times must not exceed 1 times the main peak area of the control solution (0.5%)	Conform	
	Peak with a relative retention time of 1.3 times must not exceed 1 times the main peak area of the control solution (0.5%)	Conform	
	Peak with a relative retention time of 1.5 times must not exceed 0.4 times the main peak area of the control solution (0.2%)	Conform	
	Peak with a relative retention time of 2.1 times must not exceed 1.5 times the main peak area of the control solution (0.75%)	Conform	
	Any individual impurity must not exceed 0.2 times the main peak area of the control solution (0.1%)	Conform	
Chloride	$\leq 0.014\%$	Conform	
Loss on drying	$\leq 0.5\%$	0.05%	
Residue on ignition	$\leq 0.1\%$	0.02%	
Heavy metal	$\leq 10\text{ppm}$	Conform	
As	$\leq 2\text{ppm}$	Conform	

Test Conclusion Conform to Specification


Liu Hua
(Manager)