

CERTIFICATE OF ANALYSIS

Product Name	Tranexamic Acid		
Cas No	1197-18-8		
Batch Number	20241107	Manufacture Date	20241107
Report Date	20241107	Expiry Date	20261106

Item of Analysis	Specification	Results
Assay	≥99.0% of C ₈ H ₁₅ No ₂ (dried)	99.5%
Organoleptic		
Appearance	Powder	Conforms
Color	White powder, Odorless and has a bitter taste	Conforms
Physical Characteristics		
Solubility	Freely soluble in water and glacial Acetic acid; very slightly soluble in ethanol; practically insoluble in Ether,dissolves in sodium hydroxide TS	Conforms
Identification	1. Ninhydrin reaction produces a Deep purple colour 2. the dried precipitate formed with p-toluenesulfonic acid melts between 265.0°C-266.0°C	Conforms 265°C
Readily carbonizable substances	NO colour develops	Conforms
Loss on drying	≤0.5%	0.35%
Clarity of solution	Clear and colourless	Conforms
Cis-Isomer	≤0.8%	<0.8%
Residue on ignition	≤0.10%	≤0.03%
Heavy metals		
Total Heavy Metals	10ppm Max	< 10ppm
Lead (Pb)	2ppm NMT	Conform
Arsenic (As)	22ppm NMT	<2ppm
Chloride	≤0.014%	<0.014%
Microbiological Tests		
Total Plate Count	1000cfu/g Max	Conform
Yeast & Mold	100cfu/g Max	Conform

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

