

Certificate of Analysis

Product Information

Product Name	Tranexamic Acid		
CAS No.	1197-18-8	Report Number	TAN20230128
Batch Number	TAN230103	Manufacture Date	2023/01/03
Batch Quantity	100Kg	Expiry Date	2025/01/02

Test Items	Test Standard	Test Result
Assay	$\geq 99.0\%$	99.70%
Appearance	White or almost white, crystalline powder	Conforms
Identification	The infrared absorption spectrum is consistent with the comparison spectrum	Conforms

Physical & Chemical Characteristics

Loss on drying	$\leq 0.5\%$	0.10%
PH	7.0-8.0	7.3
Clarity and color	Solution should clarify and colorless	Conforms
Solubility	Freely soluble in water and in glacial acetic acid, practically insoluble in acetone and 96% alcohol	Conforms
Residue on ignition	$\leq 0.1\%$	0.05%
Chlorides	$\leq 140\text{ppm}$	Conforms
	Impurity A $\leq 0.1\%$	Conforms
Related substances	Impurity B $\leq 0.2\%$	0.06%
Liquid chromatography	Any other impurity $\leq 0.3\%$	Conforms
	All other impurity $\leq 0.2\%$	Conforms

Heavy Metals	$\leq 10\text{ppm}$	Conforms
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Microbiological Tests

Total plate Count	$\leq 1000\text{cfu/g}$	Conforms
Yeast & Mold	$\leq 100\text{cfu/g}$	Conforms
E.coli	Negative/g	Negative

Conclusion

Conclusion	To be complied with BP2017 Standard.
Shelf Life	2 years when properly stored.
Storage	Store in cool & dry place, not freeze. Keep away from strong light.

Tested by: 张丽娜

Checker: 李明

Approved:

