

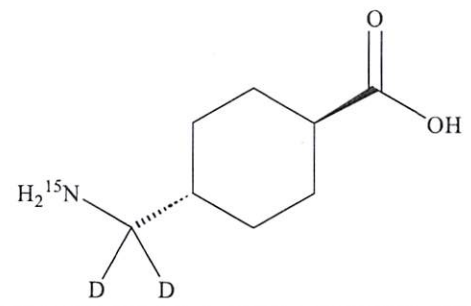
Certificate of Analysis

Certificate No.: 20250122007


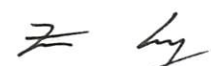
Date: January 22, 2025

Retest date: January 14, 2028

Compound Name: Tranexamic Acid- ¹⁵ N-d ₂	
Synonyms:	(1r,4r)-4-((amino- ¹⁵ N)methyl-d ₂)cyclohexane-1-carboxylic acid
TLC Catalogue Number:	T-6227
CAS Number:	1197-18-8 (non-labelled)
Molecular Weight:	160.22
Molecular Formula:	C ₈ H ₁₃ D ₂ ¹⁵ NO ₂
Source:	TLC Pharmaceutical Standards
Source Lot No.:	6713-012A5
Storage Conditions:	Store at 2-8 °C
Solubility:	Water



Test Description	Specifications	Results
Visual Description	White to off-white solid	Conforms
Identification		
IR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
¹ H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	100.0%
Impurity (HPLC)	N/A	
Isotopic Enrichment	Not less than 98.0%	99.0% D; 100.0% ¹⁵N
Residual Solvents (NMR)	No residual solvent	
Assay (qNMR)	Not less than 90.0%	96.7%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		01/22/2025
Approved by:	Quality Assurance		01/22/2025

Attachments: Peak Attribution Table, HPLC, IR, MS and NMR spectra.