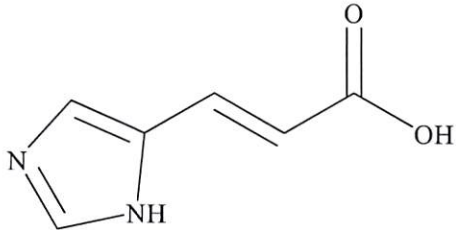


Certificate of Analysis



Certificate No.: 20260610011

Date: June 10, 2026

Retest date: June 1, 2029

Compound Name:	Urocanic Acid (<i>E</i>-Isomer)		
Synonyms:	<i>(E)</i> -3-(1 <i>H</i> -imidazol-5-yl)acrylic acid		
TLC Catalogue Number:	U-120001		
CAS Number:	3465-72-3		
Alternate CAS Number:	73428-18-9 (Sodium salt)		
Molecular Weight:	138.13		
Molecular Formula:	C ₆ H ₆ N ₂ O ₂		
Source:	TLC Pharmaceutical Standards		
Source Lot No.:	7464-024A2		
Storage Conditions:	Store at 2-8 °C		
Solubility:	DMSO, Alkaline solution, Acidic solution		

Test Description	Specifications	Results
Visual Description	Off-white solid	Conforms
Identification		
IR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
¹H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	100.0%
Impurity (HPLC)	N/A	
Residual Solvents (NMR)	No residual solvent	
Assay (qNMR)	Not less than 90.0%	97.6%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/11/2026
Approved by:	Quality Assurance		06/11/2026

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