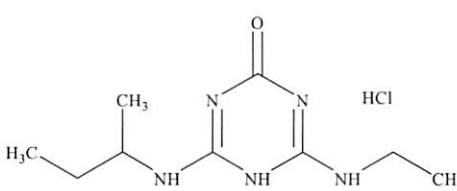


Certificate of Analysis

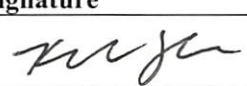
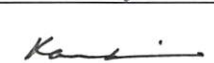
Certificate No.: 20250925013

Date: September 25, 2025

Retest date: September 23, 2028

Compound Name: Ametryn Impurity 5 HCl		
Synonyms:	4-(<i>sec</i> -butylamino)-6-(ethylamino)-1,3,5-triazin-2(5 <i>H</i>)-one, hydrochloride (1:1)	
TLC Catalogue Number:	A-9110	
CAS Number:	N/A	
Alternate CAS Number:	33124-61-7 (free base)	
Molecular Weight:	211.27 36.46	
Molecular Formula:	C ₉ H ₁₇ N ₅ O · HCl	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	6971-079A2	
Storage Conditions:	Store at 2-8 °C	
Solubility:	Methanol, DMSO	

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%	99.1%
Impurity (HPLC)	RT 15.45, 0.82%	
Residual Solvents (NMR)	0.1% isopropyl ether	
Assay (qNMR)	Not less than 90.0%	93.9%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		09/25/2025
Approved by:	Quality Assurance		09/25/2025

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