

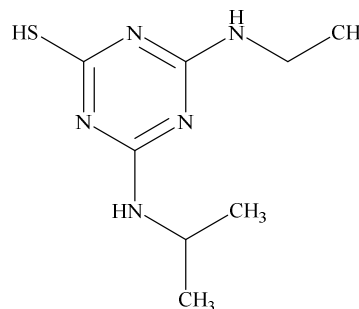
Certificate of Analysis

Certificate No.: 20200311024

Date: March 11, 2020

Retest date: March 4, 2023

Compound Name: Ametryn Impurity 6	
Synonyms:	4-(ethylamino)-6-(isopropylamino)-1,3,5-triazine-2-thiol
TLC Catalogue Number:	A-9111
CAS Number:	N/A
Molecular Weight:	213.30
Molecular Formula:	C ₈ H ₁₅ N ₅ S
Source:	TLC Pharmaceutical Standards
Source Lot No.:	3813-006A4
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
¹H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	99.1 %
Impurity (HPLC)	RT 6.34, 0.57%; RT 13.11, 0.31%	
Residual Solvents (NMR)	0.2% methanol	
Assay (qNMR)	Not less than 90.0%	99.5 %
Recommendation:	Released.	

Name	Department	Signature	Date
Reviewed and approved by:	Analytical Services		
Approved by:	Quality Assurance		

Attachments: HPLC, IR, MS and NMR spectra.