CERTIFICATE OF ANALYSIS

(Certificate No. KMM088021-01)

Release Date: 18/12/2025 **Re-test Date:** 17/12/2028

METAXALONE IMPURITY-A

Identification

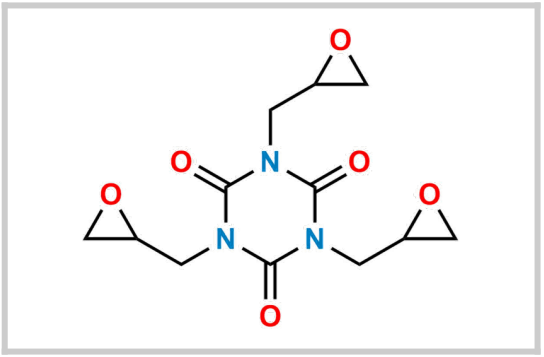
Chemical Name :
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione

CAT No. : KMM088021

CAS No. : 2451-62-9

Molecular Formula : C12H15N3O6

Molecular Weight : 297.3



Analytical Information

Batch No. : META-IMP-A-030-019

Description : White Soild

HPLC Purity : 99.08 %

Weight Loss By TGA : 0.64 %

% Potency : 98.45 %

Solubility : ACN : WATER (5 : 5)

Mass : Confirm

IR : Confirm

1H NMR : Confirm

13C NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.64(Weight Loss By TGA)] x [99.08(HPLC Purity)]/100 = 98.45 %
-Re-tested on 18.12.2025
-13C NMR added on 12.12.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		20/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		20/12/2025

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA