

CERTIFICATE OF ANALYSIS

(Certificate No. KMC155002-01)

Release Date: 26/07/2025

Re-test Date: 25/07/2028

Chlortalidone USPRS

Identification

Chemical Name :

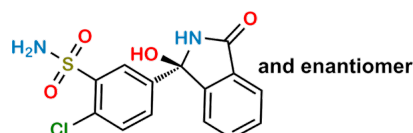
2-Chloro-5-(1-hydroxy-3-oxo-1-isoindolinyl)benzenesulfonamide ;

CAT No. : KMC155002

CAS No. : 77-36-1

Molecular Formula : C₁₄H₁₁ClN₂O₄S

Molecular Weight : 338.8



Analytical Information

Batch No. : C155002-102-152

Description : White Solid

HPLC Purity : 99.92 %

Weight Loss By TGA : 0.20 %

% Potency : 99.72 %

Solubility : ACN : WATER (1:1)

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 - 0.20(Weight Loss By TGA)] x [99.92(HPLC Purity)]/100 = 99.72 %

USP Catalog No & Lot No :- 130006 - R181B0

Recommendation : Released

| | Department | Name | Signature | Date |
|------------------------|-----------------|---------------|-----------|------------|
| Prepared By | Analytical | Jignesh Patel | | 27/07/2025 |
| Reviewed & Approved By | Quality Control | Jatin Patel | | 27/07/2025 |

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