CERTIFICATE OF ANALYSIS

(Certificate No. KMC155002-02)

Release Date: 23/09/2026 **Re-test Date:** 22/09/2029

Chlorthalidone

Identification

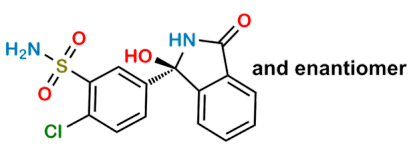
Chemical Name :
2-Chloro-5-(1-hydroxy-3-oxo-1-isoindolinyl)benzenesulfonamide ;

CAT No. : KMC155002

CAS No. : 77-36-1

Molecular Formula : C14H11ClN2O4S

Molecular Weight : 338.8



Analytical Information

Batch No.	: C155002-136-209	**Solubility**	: Acetonitrile
Description	: White Soild	**Mass**	: Confirm
HPLC Purity	: 98.94 %	**IR**	: Confirm
Weight Loss By TGA	: 0.76 %	**1H NMR**	: Confirm
% Potency	: 98.19 %	**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 - 0.76(Weight Loss By TGA)] x [98.94(HPLC Purity)]/100 = 98.19 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		23/09/2026
Reviewed & Approved By	Quality Control	Jatin Patel		23/09/2026

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