CERTIFICATE OF ANALYSIS

(Certificate No. KMC155024-01)

Release Date: 11/03/2026 **Re-test Date:** 10/03/2029

Chlortalidone Impurity

Identification

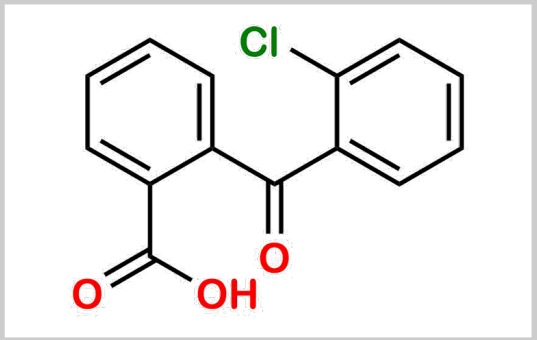
Chemical Name :
2-(2-Chlorobenzoyl)benzoic acid

CAT No. : KMC155024

CAS No. : 5543-24-8

Molecular Formula : C14H9ClO3

Molecular Weight : 260.7



Analytical Information

Batch No.	: C155024-114-198	**Solubility**	: ACN
Description	: Off White solid	**Mass**	: Confirm
HPLC Purity	: 92.03 %	**IR**	: Confirm
Weight Loss By TGA	: 2.23 %	**1H NMR**	: Confirm
% Potency	: 89.98 %		

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 - 2.23(Weight Loss By TGA)] x [92.03(HPLC Purity)]/100 = 89.98 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		11/03/2026
Reviewed & Approved By	Quality Control	Jatin Patel		11/03/2026

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