CERTIFICATE OF ANALYSIS

(Certificate No. KMC011002-03)

Release Date: 13/11/2024 **Re-test Date:** 13/11/2027

Clidinium Bromide

Identification

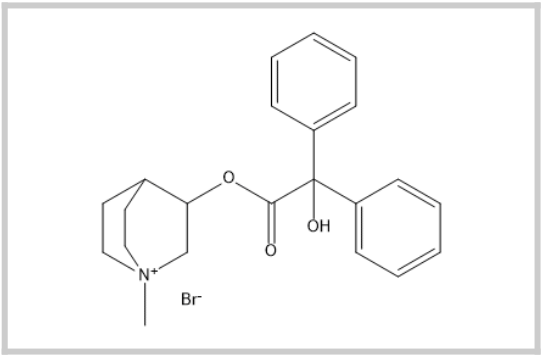
Chemical Name :
3-(2-hydroxy-2,2-diphenylacetoxy)-1-methylquinuclidin-1-ium bromide

CAT No. : KMC011002

CAS No. : 3485-62-9

Molecular Formula : C22H26NO3 : Br

Molecular Weight : 352.45 : 79.1



Analytical Information

Batch No.	: AH/CLIB/0924/002	**Solubility**	: Water
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.91 %	**IR**	: Confirm
Weight Loss By TGA	: 0.16 %	**1H NMR**	: Confirm
% Potency	: 99.75 %	**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 - 0.16(Weight Loss By TGA)] x [99.91(HPLC Purity)]/100 = 99.75 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/11/2024
Reviewed & Approved By	Quality Control	Jatin Patel		14/11/2024

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