CERTIFICATE OF ANALYSIS

(Certificate No. KMO040007-01)

Release Date: 23/05/2026 **Re-test Date:** 22/05/2029

Orphenadrine Citrate

Identification

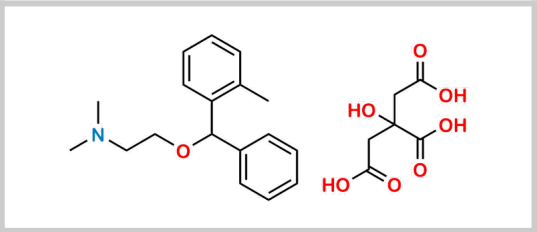
Chemical Name :
(R)-N,N-Dimethyl-2-(phenyl(o-tolyl)methoxy)ethan-1-amine 2-hydroxypropane-1,2,3-tricarboxylate

CAT No. : KMO040007

CAS No. : 4682-36-4

Molecular Formula : C18H23NO : C6H8O7

Molecular Weight : 269.4 : 192.1



Analytical Information

Batch No.	: O040007-114-324	**Solubility**	: ACN : Water
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.81 %	**IR**	: Confirm
Weight Loss By TGA	: 0.02 %	**1H NMR**	: Confirm
% Potency	: 99.79 %	**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 - 0.02(Weight Loss By TGA)] x [99.81(HPLC Purity)]/100 = 99.79 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		23/05/2026
Reviewed & Approved By	Quality Control	Jatin Patel		23/05/2026

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