

# CERTIFICATE OF ANALYSIS

(Certificate No. KMO040007-01)

Release Date: 23/05/2026

Re-test Date: 22/05/2029

## Orphenadrine Citrate

### Identification

**Chemical Name :**

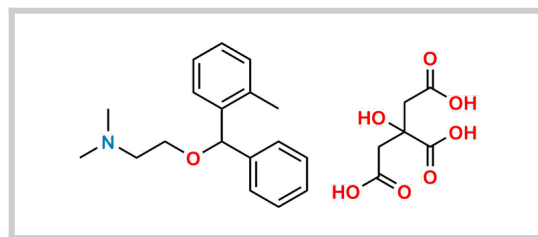
(R)-N,N-Dimethyl-2-(phenyl(o-tolyl)methoxy)ethan-1-amine 2-hydroxypropane-1,2,3-tricarboxylate

CAT No. : KMO040007

CAS No. : 4682-36-4

Molecular Formula : C<sub>18</sub>H<sub>23</sub>NO : C<sub>6</sub>H<sub>8</sub>O<sub>7</sub>

Molecular Weight : 269.4 : 192.1



### Analytical Information

Batch No. : O040007-114-324

Description : White Solid

HPLC Purity : 99.81 %

Weight Loss By TGA : 0.02 %

% Potency : 99.79 %

Solubility : ACN : Water

Mass : Confirm

IR : Confirm

<sup>1</sup>H NMR : Confirm

<sup>13</sup>C 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, <sup>1</sup>H NMR, <sup>13</sup>C NMR, IR and TGA