

# CERTIFICATE OF ANALYSIS

(Certificate No. KMC005047-01)

Release Date: 11/11/2024

Re-test Date: 10/11/2027

## N-Isopropyl Carvedilol

### Identification

**Chemical Name :**

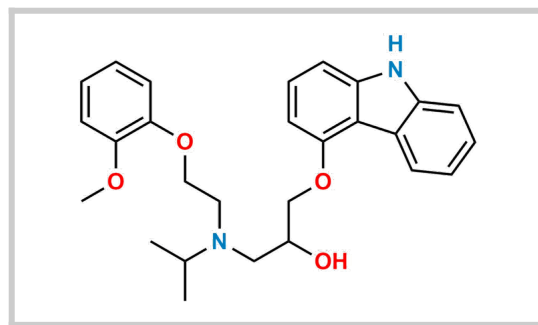
1-(9H-Carbazol-4-yloxy)-3-[[2-(2-methoxyphenoxy)ethyl]N-isopropylamino]-2-propanol (as per USP)

CAT No. : KMC005047

CAS No. : 1246819-01-1

Molecular Formula : C<sub>27</sub>H<sub>32</sub>N<sub>2</sub>O<sub>4</sub>

Molecular Weight : 448.6



### Analytical Information

Batch No. : C005047-091-021

Description : Off White Solid

HPLC Purity : 97.91 %

Weight Loss By TGA : 0.54 %

% Potency : 97.38 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

<sup>1</sup>H 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 - 0.54(Weight Loss By TGA)] x [97.91(HPLC Purity)]/100 = 97.38 %

Recommendation : Released

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

Attachments : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA