CERTIFICATE OF ANALYSIS

(Certificate No. KMA167001-02)

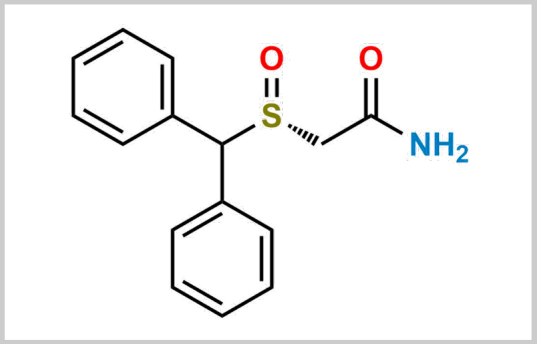
Release Date: 29/08/2026 **Re-test Date:** 28/08/2029

Armodafinil

Identification

Chemical Name :
2-[(R)-(Diphenylmethyl)sulfinyl]acetamide

Alt. Name	: (R)-Modafinil ; (-)-Modafinil ; (R)-(-)-Modafinil
CAT No.	: KMA167001
CAS No.	: 112111-43-0
Molecular Formula	: C15H15NO2S
Molecular Weight	: 273.4



Analytical Information

Batch No.	: A167001-136-163	**Solubility**	: Acetonitrile
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 98.60 %	**IR**	: Confirm
Weight Loss By TGA	: 0.19 %	**1H NMR**	: Confirm
% Potency	: 98.41 %	**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 - 0.19(Weight Loss By TGA)] x [98.60(HPLC Purity)]/100 = 98.41 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/08/2026
Reviewed & Approved By	Quality Control	Jatin Patel		29/08/2026

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