

CERTIFICATE OF ANALYSIS

(Certificate No. KML008003-01)

Release Date: 17/06/2024

Re-test Date: 16/06/2027

Lacosamide Related Compound D (Oxalate Salt)

Identification

Chemical Name :

2-amino-N-benzyl-3-methoxypropanamide oxalate

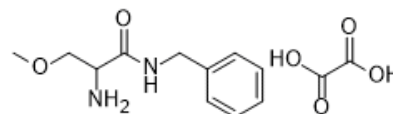
Alt. Name : Lacosamide Related Compound D
(Oxalate Salt)

CAT No. : KML008003

CAS No. : 1379592-19-4(Oxalate salt),
262845-82-9 (free base)

Molecular Formula : C₁₁H₁₆N₂O₂ : C₂H₂O₄

Molecular Weight : 208.26 : 90.0



Analytical Information

Batch No. : LAC-RC-D-030-081

Description : Off White Solid

HPLC Purity : 97.52 %

Weight Loss By TGA : 2.80 %

% Potency : 94.79 %

Solubility : ACN

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

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 - 2.80(Weight Loss By TGA)] x [97.52(HPLC Purity)]/100 = 94.79 %

Remarks : Re-tested on 17.06.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/06/2024
Reviewed & Approved By	Quality Control	Jatin Patel		18/06/2024

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