CERTIFICATE OF ANALYSIS

(Certificate No. KMP035029-01)

Release Date: 09/05/2026 **Re-test Date:** 08/05/2029

Carbethoxypiperidine Impurity

Identification

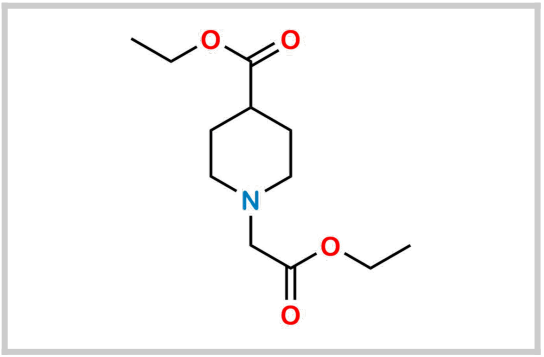
Chemical Name :
Ethyl 1-(2-ethoxy-2-oxoethyl)piperidine-4-carboxylate

CAT No. : KMP035029

CAS No. : 1838-39-7

Molecular Formula : C12H21NO4

Molecular Weight : 243.3



Analytical Information

Batch No.	: P035029-114-312	**Solubility**	: Methanol
Description	: Light Brown Liquid	**Mass**	: Confirm
GC Purity	: 99.66 %	**IR**	: Confirm
Weight Loss By TGA	: 0.49 %	**1H NMR**	: Confirm
% Potency	: 99.17 %		

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 - 0.49(Weight Loss By TGA)] x [99.66(GC Purity)]/100 = 99.17 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		09/05/2026
Reviewed & Approved By	Quality Control	Jatin Patel		09/05/2026

Attachments : COA, GC, MASS, 1HNMR, IR and TGA