CERTIFICATE OF ANALYSIS

(Certificate No. KMR053006-01)

Release Date: 26/12/2024 **Re-test Date:** 26/12/2024

ISOBUTYL-4-PIPERIDONE

Identification

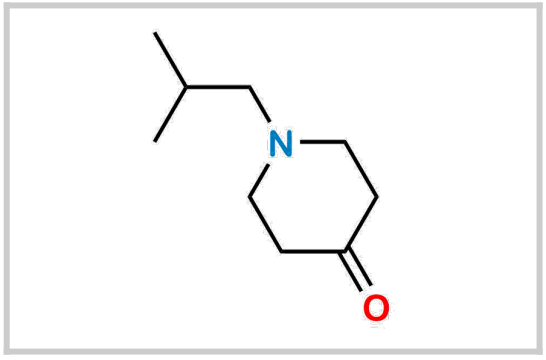
Chemical Name :
1-(2-Methylpropyl)piperidin-4-one

CAT No. : KMR053006

CAS No. : 72544-16-2

Molecular Formula : C9H17NO

Molecular Weight : 155.2



Analytical Information

Batch No.	: R053006-091	**Solubility**	: Acetonitrile
Description	: Light Yellow Liquid	**Mass**	: Confirm
HPLC Purity	: NLT 97 %	**IR**	: Confirm
Weight Loss By TGA	: NLT 0.1 %	**1H NMR**	: Confirm
% Potency	: 96.9 %		

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 - 0.1(Weight Loss By TGA)] x [97(HPLC Purity)]/100 = 96.9 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		26/12/2024

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