

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001428-01)

Release Date: 10/02/2025

Re-test Date: 09/02/2028

## Isobutyric Acid

### Identification

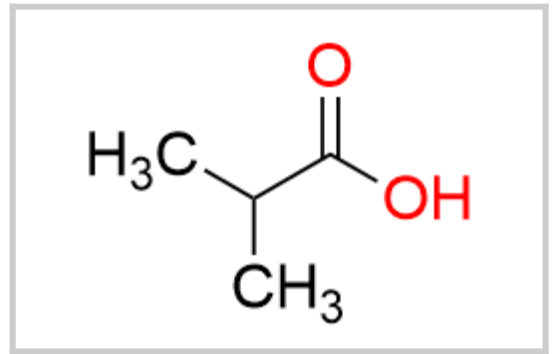
Chemical Name :  
isobutyric acid

CAT No. : KMM001428

CAS No. : 79-31-2

Molecular Formula : C<sub>4</sub>H<sub>8</sub>O<sub>2</sub>

Molecular Weight : 88.11



### Analytical Information

Batch No. : M001428-091-162

Description : Colorless liquid

GC Purity : 99.98 %

Weight Loss By KF : 0.15 %

% Potency : 99.83 %

Solubility : Methanol

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 - 0.15(Weight Loss By KF)] x [99.98(GC Purity)]/100 = 99.83 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		13/02/2025

Attachments : COA, GC, MASS, <sup>1</sup>H NMR, IR and KF