

# CERTIFICATE OF ANALYSIS

(Certificate No. KMI002002-01)

Release Date: 14/03/2024

Re-test Date: 13/03/2027

## Ibuprofen MPPP

### Identification

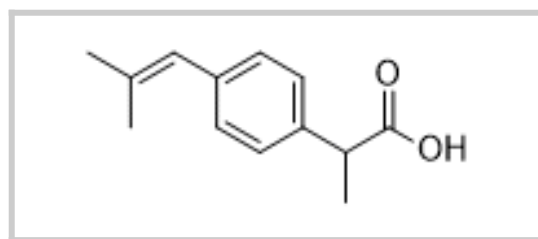
**Chemical Name :**  
2-(4-(2-methylprop-1-ene)phenyl)propionic acid

**CAT No.** : KMI002002

**CAS No.** : 75625-99-9

**Molecular Formula** : C<sub>13</sub>H<sub>16</sub>O<sub>2</sub>

**Molecular Weight** : 204.26



### Analytical Information

**Batch No.** : RS 1285

**Solubility** : ACN

**Description** : Light Yellow Thick Syrup

**Mass** : Confirm

**HPLC Purity** : 88.15 %

**IR** : Confirm

**% Potency** : 88.15 %

**<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 - ] x [88.15(HPLC Purity)]/100 = 88.15 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/03/2024
Reviewed & Approved By	Quality Control	Jatin Patel		18/03/2024

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR