

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMI002001-01)

**Release Date:** 25/12/2023

**Re-test Date:** 24/12/2026

## **2-(4-Isobutylphenyl)propanal**

### **Identification**

**Chemical Name :**  
2-(4-isobutylphenyl)propanal

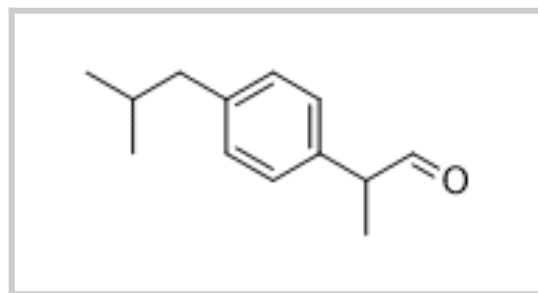
**Alt. Name** : 2-(4-Isobutylphenyl)propanal

**CAT No.** : KMI002001

**CAS No.** : 51407-46-6

**Molecular Formula** : C<sub>13</sub>H<sub>18</sub>O

**Molecular Weight** : 190.28



### **Analytical Information**

**Batch No.** : IBU-ALD-073-005

**Description** : Light Yellow Liquid

**HPLC Purity** : 99.73 %

**Weight Loss By TGA** : 2.42 %

**% Potency** : 97.32 %

**Solubility** : ACN

**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 - 2.42(Weight Loss By TGA)] x [99.73(HPLC Purity)]/100 = 97.32 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		25/12/2023
Reviewed & Approved By	Quality Control	Jatin Patel		25/12/2023

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