

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001339-01)

Release Date: 20/09/2024

Re-test Date: 19/09/2027

## O-TOLUIC ACID

### Identification

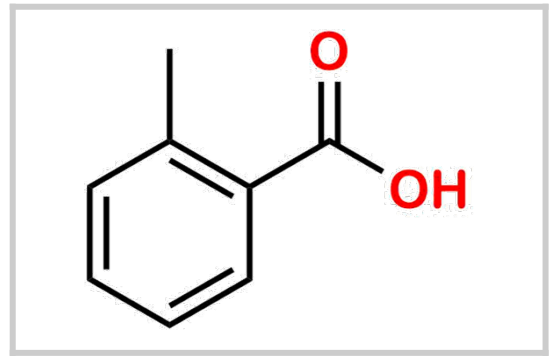
**Chemical Name :**  
2-Methylbenzoic acid

**CAT No.** : KMM001339

**CAS No.** : 118-90-1

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

**Molecular Weight** : 136.2



### Analytical Information

**Batch No.** : MISC-O-TOL-019-334

**Description** : White Solid

**HPLC Purity** : 99.53 %

**Weight Loss By TGA** : 0.14 %

**% Potency** : 99.39 %

**Solubility** : Acetonitrile

**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 - 0.14(Weight Loss By TGA)] x [99.53(HPLC Purity)]/100 = 99.39 %

-Re-tested on 20.09.2024

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		18/04/2026
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		18/04/2026

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