

# CERTIFICATE OF ANALYSIS

(Certificate No. KMI004045-01)

Release Date: 20/09/2024

Re-test Date: 19/09/2027

## P-Toluic Acid

### Identification

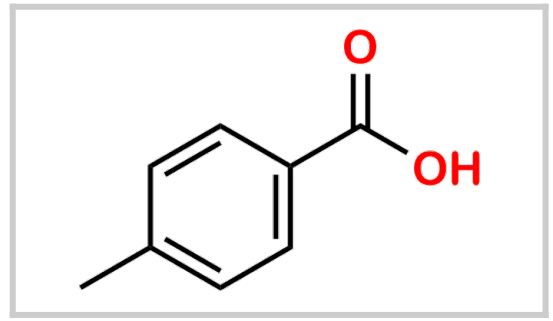
**Chemical Name :**  
4-Methylbenzoic acid

**CAT No. :** KMI004045

**CAS No. :** 99-94-5

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

**Molecular Weight :** 136.2



### Analytical Information

**Batch No. :** MISC-P-TOL-019-333

**Description :** White Solid

**HPLC Purity :** 99.68 %

**Weight Loss By TGA :** 0.11 %

**% Potency :** 99.57 %

**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 - 0.11(Weight Loss By TGA)] x [99.68(HPLC Purity)]/100 = 99.57 %  
-Re-tested on 20.09.2024

**Recommendation :** Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		24/09/2024
Reviewed & Approved By	Quality Control	Jatin Patel		24/09/2024

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