

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001007-01)

Release Date: 12/04/2024

Re-test Date: 11/04/2027

## 2-Bromo-1-(p-tolyl)ethanone

### Identification

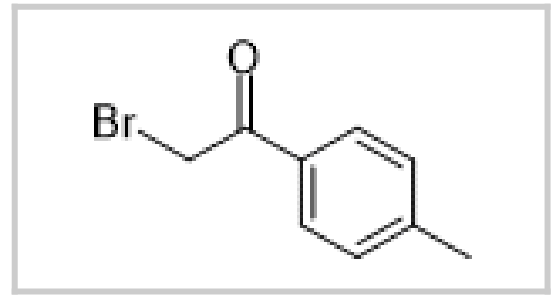
**Chemical Name :**  
2-bromo-1-(p-tolyl)ethanone

**CAT No.** : KMM001007

**CAS No.** : 619-41-0

**Molecular Formula** : C<sub>9</sub>H<sub>9</sub>BrO

**Molecular Weight** : 213.07



### Analytical Information

**Batch No.** : 2-BRO-4-MET-073-159

**Description** : Light Yellow Solid

**HPLC Purity** : 99.55 %

**Weight Loss By TGA** : 0.27 %

**% Potency** : 99.28 %

**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 - 0.27(Weight Loss By TGA)] x [99.55(HPLC Purity)]/100 = 99.28 %

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		13/04/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		13/04/2024

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