

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMI001010-01)

**Release Date:** 27/06/2023

**Re-test Date:** 26/06/2026

## **DIBROMO OF BMC**

### **Identification**

**Chemical Name :**

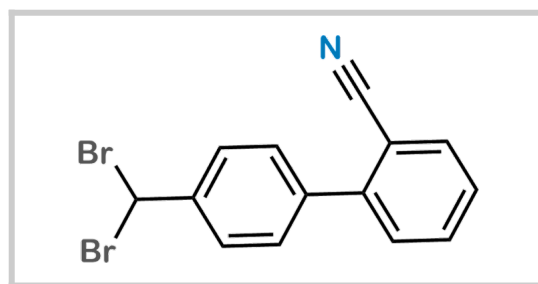
4'-(Dibromomethyl)biphenyl-2-carbonitrile ;

**CAT No.** : KMI001010

**CAS No.** : 209911-63-7

**Molecular Formula** : C<sub>14</sub>H<sub>9</sub>Br<sub>2</sub>N

**Molecular Weight** : 351.0



### **Analytical Information**

**Batch No.** : IRB-DB-045-187

**Description** : Off White Solid

**HPLC Purity** : 97.92 %

**Weight Loss By TGA** : 1.10 %

**% Potency** : 96.84 %

**Solubility** : Acetonitrile ;  
Methanol(Shake Well)

**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 - 1.10(Weight Loss By TGA)] x [97.92(HPLC Purity)]/100 = 96.84 %

\*As per client request solubility in methanol add on 16.01.2024

-COA Re-generated on 27.12.2024

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		27/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		27/12/2024

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