

# CERTIFICATE OF ANALYSIS

(Certificate No. KMN002002-01)

Release Date: 10/04/2024

Re-test Date: 09/04/2027

## 4-methoxybenzaldehyde dimethylacetal

### Identification

**Chemical Name :**

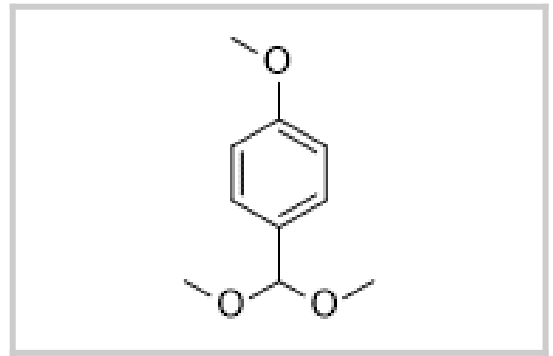
1-(dimethoxymethyl)-4-methoxybenzene

**CAT No.** : KMN002002

**CAS No.** : 2186-92-7

**Molecular Formula** : C<sub>10</sub>H<sub>14</sub>O<sub>3</sub>

**Molecular Weight** : 182.22



### Analytical Information

**Batch No.** : NIN-ANI-073-165

**Description** : Pale Yellow Liquid

**HPLC Purity** : 95.51 %

**Weight Loss By TGA** : 1.35 %

**% Potency** : 94.22 %

**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 - 1.35(Weight Loss By TGA)] x [95.51(HPLC Purity)]/100 = 94.22 %

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		10/04/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		10/04/2024

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