

# CERTIFICATE OF ANALYSIS

(Certificate No. KMT189001-01)

Release Date: 24/03/2025

Re-test Date: 23/03/2028

## N-Formyl Trimetazidine

### Identification

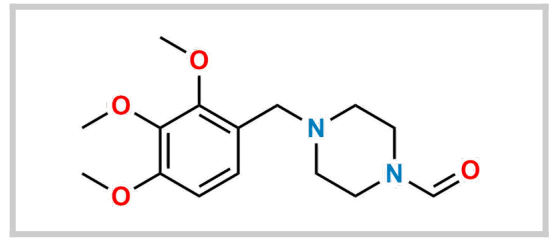
**Chemical Name :**  
4-(2,3,4-trimethoxybenzyl)piperazine-1-carbaldehyde

**CAT No.** : KMT189001

**CAS No.** : 92700-82-8

**Molecular Formula** : C<sub>15</sub>H<sub>22</sub>N<sub>2</sub>O<sub>4</sub>

**Molecular Weight** : 294.4



### Analytical Information

**Batch No.** : T189001-091-292

**Description** : Off White Solid

**HPLC Purity** : 99.95 %

**Weight Loss By TGA** : 0.14 %

**% Potency** : 99.81 %

**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 - 0.14(Weight Loss By TGA)] x [99.95(HPLC Purity)]/100 = 99.81 %

**Recommendation** : Released

|                                   | Department      | Name        | Signature | Date       |
|-----------------------------------|-----------------|-------------|-----------|------------|
| <b>Prepared By</b>                | Analytical      | Parag Patel |           | 24/03/2025 |
| <b>Reviewed &amp; Approved By</b> | Quality Control | Jatin Patel |           | 24/03/2025 |

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