

# CERTIFICATE OF ANALYSIS

(Certificate No. KMC028004-01)

Release Date: 03/02/2026

Re-test Date: 02/02/2029

## Celecoxib Ortho Isomer

### Identification

**Chemical Name :**

4-[5-(2-Methylphenyl)-3-trifluoromethyl-1H-pyrazol-1-yl]benzenesulfonamide

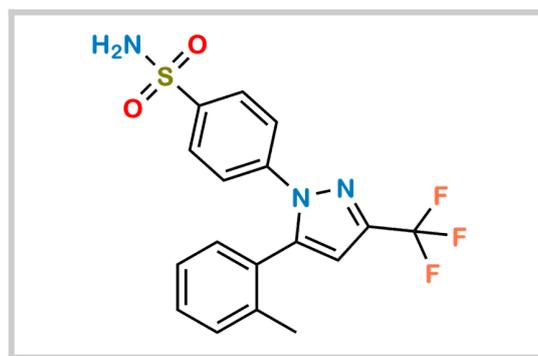
**Alt. Name** : o-Celecoxib (USP)

**CAT No.** : KMC028004

**CAS No.** : 170569-99-0

**Molecular Formula** : C<sub>17</sub>H<sub>14</sub>F<sub>3</sub>N<sub>3</sub>O<sub>2</sub>S

**Molecular Weight** : 381.4



### Analytical Information

**Batch No.** : C028004-114-134

**Description** : Off White solid

**HPLC Purity** : 99.09 %

**Weight Loss By TGA** : 2.00 %

**% Potency** : 97.11 %

**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 - 2.00(Weight Loss By TGA)] x [99.09(HPLC Purity)]/100 = 97.11 %

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		04/02/2026
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		04/02/2026

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