

# CERTIFICATE OF ANALYSIS

(Certificate No. KMN068003-01)

Release Date: 04/05/2026

Re-test Date: 03/05/2029

## Nimesulide BPRS

### Identification

**Chemical Name :**

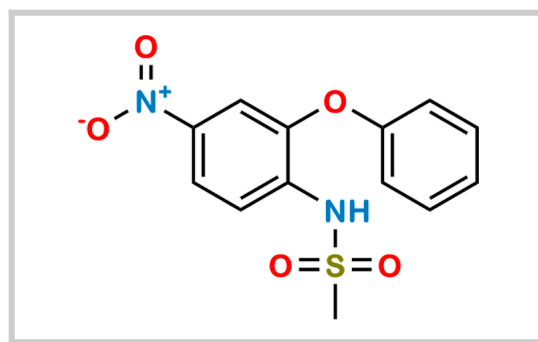
N-(4-Nitro-2-phenoxyphenyl)methanesulfonamide

**CAT No.** : KMN068003

**CAS No.** : 51803-78-2

**Molecular Formula** : C<sub>13</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub>S

**Molecular Weight** : 308.3



### Analytical Information

**Batch No.** : N068003-114-292

**Description** : White Solid

**HPLC Purity** : 99.61 %

**Weight Loss By TGA** : 0.45 %

**% Potency** : 99.16 %

**Solubility** : ACN

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

**<sup>13</sup>C 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 - 0.45(Weight Loss By TGA)] x [99.61(HPLC Purity)]/100 = 99.16 %

BP Catalog No. & Lot No :- N0845000-3

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		04/05/2026
Reviewed & Approved By	Quality Control	Jatin Patel		04/05/2026

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, <sup>13</sup>CNMR, IR and TGA