

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP175004-01)

Release Date: 18/10/2024

Re-test Date: 17/10/2027

## Probenecid EP Impurity C

### Identification

**Chemical Name :**

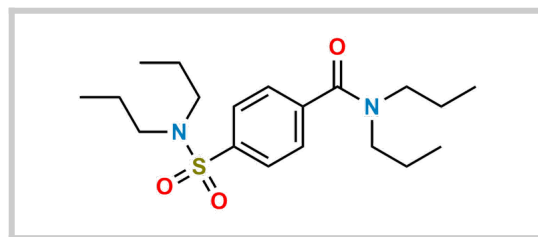
4-(Dipropylsulfamoyl)-N,N-dipropylbenzamide

CAT No. : KMP175004

CAS No. : Not Available

Molecular Formula : C<sub>19</sub>H<sub>32</sub>N<sub>2</sub>O<sub>3</sub>S

Molecular Weight : 368.5



### Analytical Information

Batch No. : P175004-073-416

Description : Yellow Liquid

HPLC Purity : 99.07 %

Weight Loss By TGA : 3.86 %

% Potency : 95.25 %

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 - 3.86(Weight Loss By TGA)] x [99.07(HPLC Purity)]/100 = 95.25 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/10/2024
Reviewed & Approved By	Quality Control			18/10/2024

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