

CERTIFICATE OF ANALYSIS

(Certificate No. KMP175004-01)

Release Date: 18/10/2024

Re-test Date: 17/10/2027

Probenecid EP Impurity C

Identification

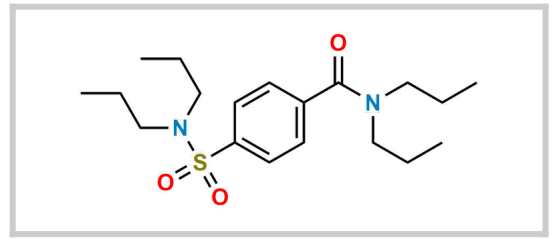
Chemical Name :
4-(Dipropylsulfamoyl)-N,N-dipropylbenzamide

CAT No. : KMP175004

CAS No. : Not Available

Molecular Formula : C₁₉H₃₂N₂O₃S

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

¹H 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, ¹HNMR, IR and TGA