

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP175004-01)

Release Date: 18/10/2024

Re-test Date: 17/10/2027

## Probenecid EP Impurity C

### Identification

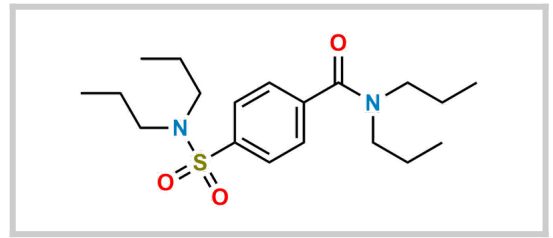
**Chemical Name :**  
4-(Dipropylsulfamoyl)-N,N-dipropylbenzamide

**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
<b>Prepared By</b>	Analytical	Jignesh Patel		18/10/2024
<b>Reviewed &amp; Approved By</b>	Quality Control			18/10/2024

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