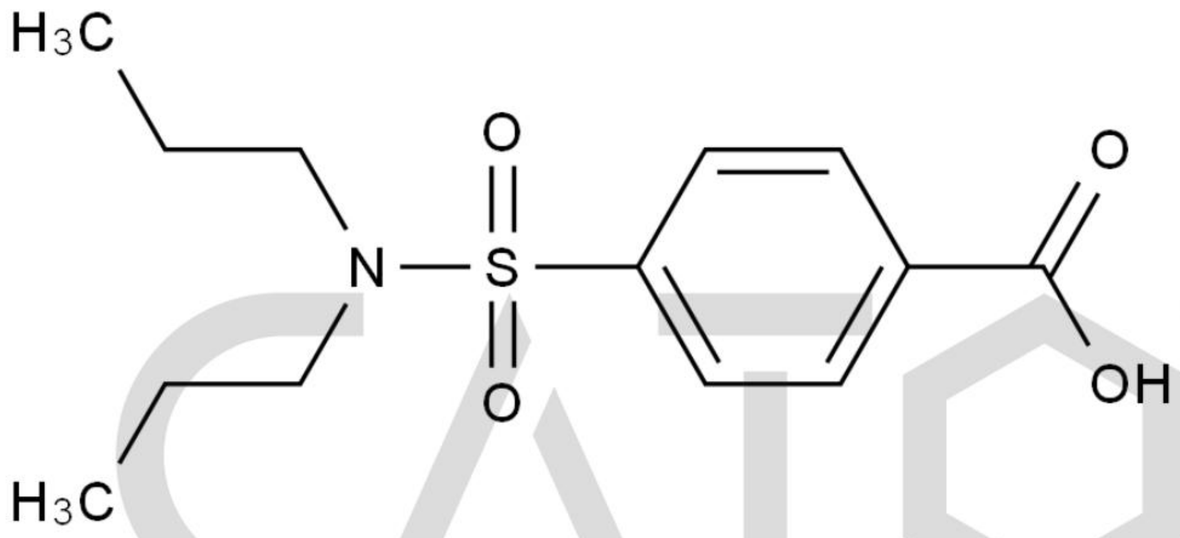
Certificate of Analysis

Reference Material & Standard

Product Name:	Probenecid	**Catalogue Number:**	CCAD301025
Synonyms:	N/A	**Lot Number:**	0326-RB-0046
CAS Number:	57-66-9	**Expiry Date:**	Jan 16, 2028
Molecular Formula:	C13H19NO4S	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	285.36	**Warning:**	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.7796%
Loss On Drying	TGA	0.4170%
Assay		98.4%
Uncertainty		±2.0%

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Comment:

1. The calculation of the 100% method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Loss On Drying) * Purity HPLC (%) /100%*
Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by: Alice Date: Jan 17, 2024

Reviewed by: Hinlam Date: Jan 18, 2024

Aporoved by General Manager: David Date: Jan 18, 2024

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