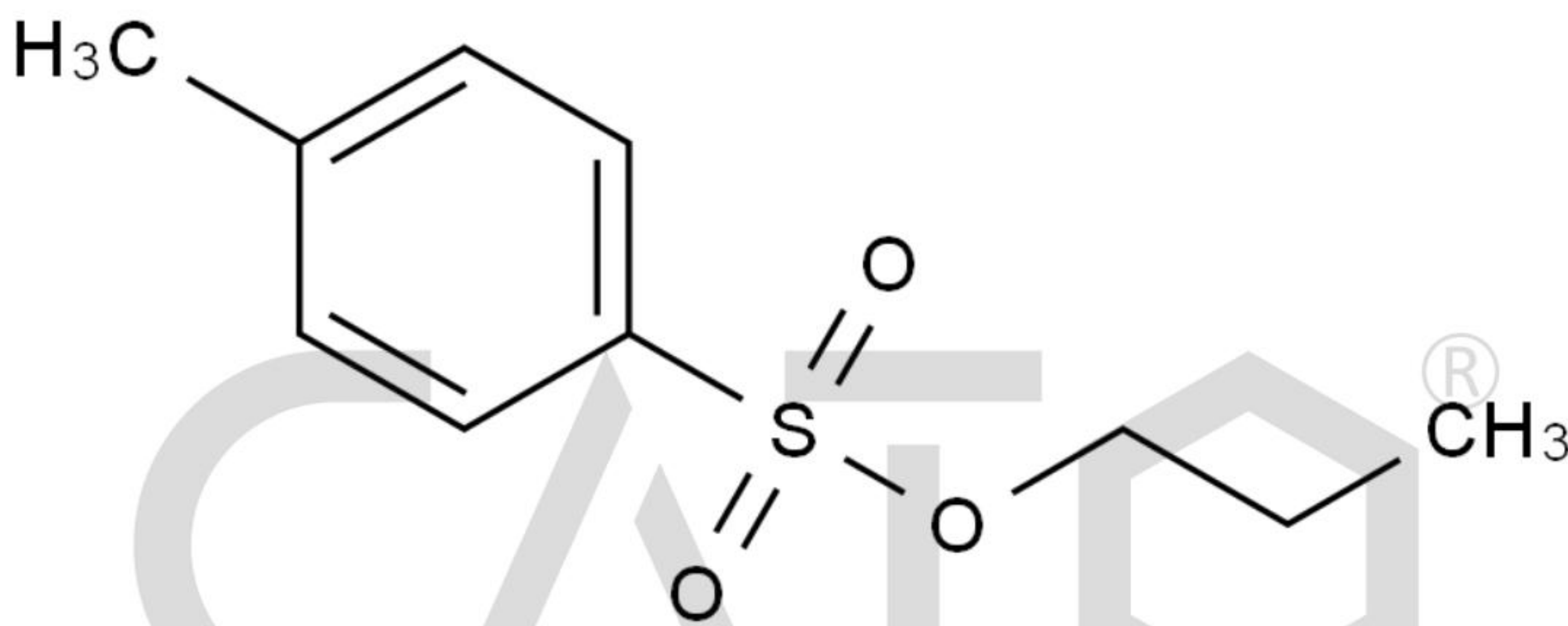


Certificate of Analysis

Reference Material & Standard

Product Name:	Propyl p-Toluenesulfonate	Catalogue Number:	C3D-2950
Synonyms:	N/A	Lot Number:	0809-RF-0068
CAS Number:	599-91-7	Expiry Date:	Aug 08, 2027
Molecular Formula:	C ₁₀ H ₁₄ O ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	214.28	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.718%
Loss On Drying	TGA	0.9974%
Assay		95.8%

Comment:

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.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 09, 2024

Date: Aug 09, 2024

Date: Aug 09, 2024

