Certificate of Analysis

Ethyl 4-methylbenzenesulfonate

Cat. No.: HY-W014895
CAS No.: 80-40-0
Batch No.: 234011

Chemical Name: Benzenesulfonic acid, 4-methyl-, ethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_9H_{12}O_3S$ Molecular Weight: 200.25

Storage: Pure form -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

, o

ANALYTICAL DATA

Appearance: Colorless to light yellow (<33°C Solid,>33°C Liquid)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥97.0%
Water(KF): 0.35%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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