

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-06 10:42:34

Date of Next Testing: 2028-12-05 10:42:34

Product Name: **Methyl-p-toluenesulfonate**

CAS Number: 80-48-8

Specifications & Purity: AR, ≥98%

Lot #: C2110191

SKU #: **M105177**

Version: **1**

Analysis #: **444294**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	25-28 (°C)	25.10000 °C
Purity(GC)	98-100 (%)	99.60000 %
Refractive index n _{20/D}	1.515-1.519	1.51800
Water by Karl Fischer	0-3 (%)	0.32000 %
Appearance (M105177)	white to yellow solid or liquid	white to yellow solid or liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager