

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-12 16:12:13
 Date of Next Testing: 2026-12-11 16:12:13
 Product Name: **Methyl-p-toluenesulfonate**
 CAS Number: 80-48-8
 Specifications & Purity: CP, ≥96%
 Lot #: C1901052
 SKU #: **M105176**
 Version: **1**
 Analysis #: **166660**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Free chlorine(Cl ₂)	0-1 (%)	0.38000 %
Acidity	0-0.2	0.06000
Refractive index n _{20/D}	1.5162-1.5182	1.51700
Melting point	24-30 (°C)	26.38000 °C
Purity(GC)	96-100 (%)	96.72000 %
Water by Karl Fischer	0-0.5 (%)	0.05600 %
Appearance (M105176)	White to pale yellow solid (low melting point)	White to pale yellow solid (low melting point)
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager