

Certificate of Analysis

Date of Testing: 2023-06-05 17:03:31
 Date of Next Testing: 2027-06-04 17:03:31
 Product Name: **Butyl p-Toluenesulfonate**
 CAS Number: 778-28-9
 Specifications & Purity: $\geq 97\%$ (GC)
 Lot #: E2330047
 SKU #: **B152404**
 Version: **0**
 Analysis #: **082610**
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.502-1.505	1.50
Purity(GC)	97-100 (%)	98.59 %
Appearance (B152404)	colorless to yellow to brown liquid	colorless to yellow to brown liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager