

Certificate of Analysis

Date of Testing: 2024-12-10 14:49:12

Date of Next Testing: 2028-12-09 14:49:12

Product Name: **Triethanolamine**

CAS Number: 102-71-6

Specifications & Purity: Chromatographic grade, $\geq 99\%$ (GC)

Lot #: L2405218

SKU #: **T108153**

Version: **2**

Analysis #: **432962**

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.483-1.486	1.49
Colour	0-30	0.00000
Purity(GC)	99-100 (%)	99.56 %
Appearance (T108153)	Colorless to faint yellow to reddish viscous liquid or solids	Colorless to faint yellow to reddish viscous liquid or solids
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
UV Absorbance 280nm	Amax: 0.1	Amax: 0.1
λ , 1 M in H ₂ O	Pass	Pass
UV cut-off(≤ 270 nm)	Pass	Pass



John Su
QA & QC Manager