

Certificate of Analysis

Date of Testing: 2024-10-14 13:03:39

Date of Next Testing: 2028-10-13 13:03:39

Product Name: **Triethanolamine**

CAS Number: 102-71-6

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

Lot #: H2427143

SKU #: **T108153**

Version: **2**

Analysis #: **401236**

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.483-1.486	1.48
Purity(GC)	99-100 (%)	99.66 %
Colour	0-30	0.00000
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
Appearance (T108153)	Colorless to faint yellow to reddish viscous liquid or solids	Colorless to faint yellow to reddish viscous liquid or solids



John Su
QA & QC Manager