

## Certificate of Analysis

Date of Testing: 2024-03-01 16:25:29

Date of Next Testing: 2028-02-29 16:25:29

Product Name: **Triethanolamine**

CAS Number: 102-71-6

Specifications & Purity: for HPLC, >99.0%(GC)

Lot #: B2421333

SKU #: **T108153**

**Analysis: 317322**

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.483-1.486	1.48
Purity(GC)	99-100 (%)	99.35 %
Appearance (T108153)	Colorless to faint yellow viscous liquid or solids	Colorless to faint yellow 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 <sub>2</sub> O	Pass	Pass
UV cut-off(≤270nm)	Pass	Pass



John Su  
QA & QC Manager