

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-04-18 17:45:10

Date of Next Testing: 2029-04-17 17:45:10

Product Name: **(+)-Terpinen-4-ol**

CAS Number: 2438-10-0

Specifications & Purity: $\geq 93\%$ (GC)

Lot #: D2516210

SKU #: **Y32093**

Version: **0**

Analysis #: **500301**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Density (20°C)	0.932-0.944	0.94
Refractive index n ₂₀ /D	1.477-1.481	1.48
Purity(GC)	93-100 (%)	97.30 %
Enantiomeric ratio(GC)	2:1	2:1
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(Y32093)	Colorless to light yellow liquid	Colorless to light yellow liquid

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

