

## Certificate of Analysis

Date of Testing: 2024-04-28 14:00:33  
Date of Next Testing: 2028-04-27 14:00:33  
Product Name: **Triethylamine hydrochloride**  
CAS Number: 554-68-7  
Specifications & Purity: for HPLC,  $\geq 99.0\%$   
Lot #: D2423072  
SKU #: **T108431**  
Analysis: **053582**

Parameter	Limit Values	Result
UV Absorbance 230nm	0-0.04	0.00
UV Absorbance 250nm	0-0.03	0.00
UV Absorbance 260nm	0-0.02	0.00
UV Absorbance 500nm	0-0.02	0.00
UV Absorbance 220nm	0-0.05	0.01
Purity(Titration by AgNO <sub>3</sub> )	99-102.5 (%)	100.80 %
Appearance (T108431)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Residue(filter test, 3g in 30ml water)	No residue	no residue
RP gradient test	pass test	pass test
Solubility in H <sub>2</sub> O , Colorless, clear (< 3.5 ntu), 1g in 10ml water	pass	Pass
$\lambda$ , 10% in H <sub>2</sub> O	Pass	Pass



John Su  
QA & QC Manager