

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Trimethylamine hydrochloride,98%

ITEM NUMBER: T103833  
BRAND: Aladdin  
CAS NUMBER: 593-81-7  
MDL NUMBER: MFCD00012478  
FORMULA: (CH<sub>3</sub>)<sub>3</sub>N · HCl  
MOLECULAR WEIGHT: 95.57

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White Moist Crystals, Crystalline Powder or Solid		
Carbon by Elemental Analysis	36.7 %	37.9 %	37.9 %
Infrared spectrum	Conforms to Structure		
Melting point	280 ° C	284 ° C	284 ° C
Nitrogen by Elemental Analysis	14.1 %	14.8 %	14.8 %
Proton NMR spectrum	Conforms to Structure		
Purity(Argentmetric Titration) calcd.on anh.substance	97.5 %	102.5 %	100 %
Solubility in Water	almost transparency		
Water by Karl Fischer	0 %	3 %	3 %