



## Certificate of Analysis

### 1,4-Diazabicyclo[2,2,2]octane 98%

**Catalog Number:** DO1002  
**Lot Number:** 0124803  
**CAS Number:** 280-57-9  
**Synonym(s):** TED, Triethylenediamine  
**Molecular Formula:** C<sub>6</sub>H<sub>12</sub>N<sub>2</sub>  
**Molecular Weight:** 112.17  
**Storage:** 15°C – 30°C  
**Date of Manufacture:** December 10, 2017  
**Retest Date:** December 9, 2019

Test	Specification	Result
Appearance	White crystals	Conforms
Assay	≥ 99.0%	99.43%
FTIR	To match reference spectra	Conforms
Solubility (400mg/mL)	Clear and colorless	Conforms
Water	≤ 0.5%	0.24%

Approved by:

Date: January 25, 2018

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