

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-14 17:22:20  
Date of Next Testing: 2028-10-13 17:22:20  
Product Name: **1-(Trimethylsilyl)imidazole(TSIM)**  
CAS Number: 18156-74-6  
Specifications & Purity: for GC derivatization,  $\geq 98\%$   
Lot #: J2410759  
SKU #: **T118634**  
Version: **0**  
Analysis #: **470780**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.00000 %
Refractive index n <sub>20</sub> /D	1.475-1.478	1.47510
Appearance (T118634)	Colorless Liquid	Colorless liquid
Effect test of TMS derivatization	pass test	pass test
High boiling impurity of Silylation agent	pass test	pass test
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager