

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-04-21 18:07:30

Date of Next Testing: 2029-04-20 18:07:30

Product Name: **1-(Trimethylsilyl)imidazole**

CAS Number: 18156-74-6

Specifications & Purity: For GC derivatization, $\geq 98.0\%$

Lot #: D2511250

SKU #: **S99018**

Version: **0**

Analysis #: **501337**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.06 %
Refractive index n ₂₀ /D	1.475-1.478	1.48
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
Appearance(S99018)	Colorless Liquid	Colorless liquid

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

