

## Certificate of Analysis

Date of Testing: 2024-12-12 15:12:55  
Date of Next Testing: 2026-12-12 15:12:55  
Product Name: **1-Ethylimidazole**  
CAS Number: 7098-07-9  
Specifications & Purity:  $\geq 98\%$ (GC)  
Lot #: H1921057  
SKU #: **E139207**  
Version: **0**  
Analysis #: **448394**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.60%
Density (20°C)	0.997-1.001	1.00
Purity(Neutralization titration)	97.5-102.5 (%)	99.07%
Refractive index n <sub>20</sub> /D	1.487-1.49	1.49
Appearance (E139207)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager