

## Certificate of Analysis

Date of Testing: 2023-06-21 14:52:23  
Date of Next Testing: 2027-06-20 14:52:23  
Product Name: **4-Pentenenitrile**  
CAS Number: 592-51-8  
Specifications & Purity: >97.0%(GC)  
Lot #: F2312898  
SKU #: **P160479**  
**Analysis:** **232080**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	98.80%
Appearance (P160479)	Colorless to Almost colorless clear liquid	Colorless to almost colorless clear liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager