

Certificate of Analysis

Date of Testing:	2025-03-10 18:46:04
Date of Next Testing:	2029-03-09 18:46:04
Product Name:	Morpholine
CAS Number:	110-91-8
Specifications & Purity:	AR, ≥99%
Lot #:	C2504467
SKU #	M109062
Version	0
Analysis #:	475886
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Density (20°C)	0.996-1.007	1.00
Purity(GC)	99-100 (%)	99.94%
Refractive index n _{20/D}	1.452-1.456	1.45
Appearance (M109062)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager