

Certificate of Analysis

Date of Testing: 2022-08-15 10:45:01

Date of Next Testing: 2026-08-14 10:45:01

Product Name: **4-Formylmorpholine**

CAS Number: 4394-85-8

Specifications & Purity: 99%

Lot #: J1826096

SKU #: **F111002**

Analysis: **125109**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.2 (%)	0.17 %
Refractive index n _{20/D}	1.485-1.487	1.49
Purity(GC)	99-100 (%)	99.61 %
Crystallization point	22-24 (°C)	23.06 °C
Density (20°C)	1.143-1.148	1.15
Appearance (F111002)	colorless to light yellow liquid or white solid	Colorless to light yellow liquid or white solid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager