

Certificate of Analysis

Date of Testing: 2021-08-26 17:13:15

Date of Next Testing: 2023-08-16 17:13:15

Product Name: **Diethylenetriamine**

CAS Number: 111-40-0

Specifications & Purity: 97%

Lot #: H2124376

SKU #: **D100058**

Analysis: **032691**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Density (20°C)	0.951-0.955	0.95
Ignition Residue (as sulfate)	0-0.01 (%)	0.00 %
Refractive index n ₂₀ /D	1.483-1.485	1.48
Purity(GC)	97-100 (%)	97.86 %
Appearance (D100058)	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