

Certificate of Analysis

Date of Testing: 2023-07-10 18:21:37
Date of Next Testing: 2027-07-09 18:21:37
Product Name: **1-(2-Aminoethyl)piperazine**
CAS Number: 140-31-8
Specifications & Purity: $\geq 99\%$
Lot #: G2306233
SKU #: **A101279**
Version: **0**
Analysis #: **113131**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Density (20°C)	0.983-0.987	0.98
Refractive index n ₂₀ /D	1.495-1.501	1.50
Purity(GC)	99-100 (%)	99.39%
Appearance (A101279)	colorless viscous liquid	colorless viscous liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager