

Certificate of Analysis

Date of Testing: 2022-09-28 18:53:49

Date of Next Testing: 2026-09-27 18:53:49

Product Name: **N-(2-Hydroxyethyl)piperazine**

CAS Number: 103-76-4

Specifications & Purity: 98%

Lot #: I2221037

SKU # **H101744**

Analysis: **140894**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.00 %
Density (20°C)	1.061-1.063	1.06
Water by Karl Fischer	0-0.5 (%)	0.03 %
Refractive index n ₂₀ /D	1.5055-1.5075	1.51
Appearance (H101744)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager