

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-05-09 11:38:11

Date of Next Testing: 2026-05-08 11:38:11

Product Name: **1-(2-Nitrophenyl)piperazine**

CAS Number: 59084-06-9

Specifications & Purity: $\geq 98\%$ (GC)

Lot #: G1813088

SKU #: **N159756**

Version: **0**

Analysis #: **089503**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.608-1.612	1.60830
Purity(GC)	98-100 (%)	98.00000 %
Density (20°C)	1.225-1.229	1.22500
Appearance (N159756)	Reddish Yellow to Pale Red Viscous Liquid or solid	Reddish Yellow to Pale Red Viscous Liquid or solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager