

Certificate of Analysis

Date of Testing: 2024-09-12 17:32:36

Date of Next Testing: 2028-09-11 17:32:36

Product Name: **Aniline**

CAS Number: 62-53-3

Specifications & Purity: $\geq 99.9\%$ (GC)

Lot #: I2403061

SKU #: **A112125**

Version: **0**

Analysis #: **225141**

Storage Temperature: Protected from light, Argon charged, Desiccated

Parameter	Limit Values	Result
Phenol	0-0.02 (%)	0.02 %
toluidine	0-0.01 (%)	0.00 %
cyclohexylamine	0-0.005 (%)	0.00 %
Purity(GC)	99.9-100 (%)	99.93 %
Cyclohexanol	0-0.005 (%)	0.00 %
Density (20°C)	1.021-1.026	1.02
Nitrobenzene(C ₆ H ₅ NO ₂)	0-0.002 (%)	0.00 %
Refractive index n ₂₀ /D	1.584-1.589	1.59
Water by Karl Fischer	0-0.1 (%)	0.08 %
Appearance (A112125)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager