

Certificate of Analysis

Date of Testing: 2025-07-12 09:42:45

Date of Next Testing: 2029-07-11 09:42:45

Product Name: **Aniline**

CAS Number: 62-53-3

Specifications & Purity: AR, ≥99.5%

Lot #: F2512005

SKU #: **A112120**

Version: **3**

Analysis #: **542283**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Nitrobenzene(C ₆ H ₅ NO ₂)	0-0.003 (%)	0.00000 %
Refractive index n ₂₀ /D	1.584-1.589	1.58610
Purity(GC)	99.5-100 (%)	99.97800 %
Water by Karl Fischer	0-0.2 (%)	0.11850 %
Ignition Residue (as sulfate)	0-0.002 (%)	0.00000 %
Crystallization point	-6.5--6 (°C)	-6.00000 °C
Appearance (A112120)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager