

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Aniline 99.5 % AR

Catalog Number : B-3012

Batch Number : 3012-00000000

CAS Number : 62-53-3

Molecular Weight : 93.13 g/mol

Mol. Formula : $C_6H_5NH_2$

Expire Date : 36 Months

SAMPLE

No	Test	Specifications	Results
1	Appearance	colorless, oily, yellowish, transparent liquid, tending to be darker after being stocked (colorless to dark yellow, colorless to dark brown -yellow, darkens to a reddish-brown color on storage	Reddish brown colored liquid
2	Assay (GC)	min 99.5 %	99.82%
3	Water (H_2O by KF)	max 0.2 %	0.17%
4	Wt.per.ml at 20 °C	1.021 – 1.023 g/cm ³	1.022 g/cm ³
5	Non-volatile matter	max 0.005 %	0.003%
6	Chlorobenzene (C_6H_5Cl)	max 0.01 %	Nil
7	Hydrocarbon	passes test	Passes test
8	Nitrobenzene ($C_6H_5NO_2$)	passes test (limit about 0.01 %)	Nil
9	Copper (Cu)	max 0.00005 %	0.000015%
10	Iron (Fe)	max 0.0001 %	0.00003%
11	Lead (Pb)	max 0.0001 %	0.00005%

Corresponds to AR / ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIYO S.Si.
Manager QC