

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Diphenylamine 99 % AR

Catalog Number : O-5239

Batch Number : 5239-00000000

CAS Number : 122-39-4

Molecular Weight : 169,23 g/mol

Mol. Formula : C₁₂H₁₁N

Expire Date : 60 months

SAMPLE

No	Test	Specifications	Results
1	Appearance	White to off white flakes/powder, darkening on exposure to light	white flakes
2	Assay (GC,Area %)	min 99.0 %	99.75%
3	Melting range	52.5 - 54.0 °C	53 - 53.7 °C
4	Solubility in ethanol	passes test	psses test
5	Sulphated ash	max 0.03 %	0.0073%
6	Nitrate (NO ₃)	passes test	psses test
7	Aniline (C ₆ H ₅ .NH ₂)	max 0.01 %	0.006%
8	Sensitivity for Nitrate (NO ₃)	min 1:1600000 (passes ACS test)	complies
9	Copper (Cu)	max 0.001 %	0.0003%
10	Iron (Fe)	max 0.001%	0.0007%
11	Nickel (Ni)	max 0.001 %	0.0008%
12	Lead (Pb)	max 0.001 %	0.00076%

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC