

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : N,N-Dimethyl Formamide 99.8 % AR

Catalog Number : B-3055

Batch Number : 3055-00000000

CAS Number : 68-12-2

Molecular Weight : 73.10 g/mg

Mol. Formula : C₃H₇NO

Expire Date : 60 months



No	Test	Specifications	Results
1	Appearance	Clear colorless liquid	Clear colorless liquid
2	Assay (GC)	min 99.8 %	99.92%
3	Wt. Per ml at 20 °C	0.949 – 0.952 g/cm ³	0.949 g/cm ³
4	Colour	max 15 Hazen	8 Hazen
5	Refractive Index (n ²⁰ _D)	1.429 – 1.431	1.429
6	Water (H ₂ O)	max 0.1 %	0.069%
7	Non-volatile matter	max 0.005 %	0.0039%
8	Diethylamine (GC)	max 0.05 %	0.012%
9	Dimethylamine (GC)	max 0.05 %	0.034%
10	Methanol (GC, area %)	max 0.05 %	0.017%
11	Acidity (HCOOH)	max 0.0005 meq/gm	0.0001 meq/gm
12	Alkalinity (NH ₃)	max 0.0005 meq/gm	Nil
13	Iron (Fe)	max 0.0005 %	0.000034%
14	Lead (Pb)	max 0.0005 %	0.000068%
15	Copper (Cu)	max 0.0005 %	0.00016%

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC