

33120 N,N-Dimethylformamide Puriss. p.a., ACS Reagent, Reag. Ph. Eur., ≥99.8% (GC) DMF

Specyfikacja:

Property	Value
COLOR (IN APHA)	0 - 15 APHA
ALKALINITY	FREE ALKALI (AS NH ₃): ≤ 0.005 %
ALUMINIUM	0 - 0.00005 %
BARIUM	0 - 0.00001 %
BISMUTH	0 - 0.00001 %
BORON	0 - 0.000002 %
CALCIUM	0 - 0.00005 %
CADMIUM	0 - 0.000005 %
COBALT	0 - 0.000002 %
CHROMIUM	0 - 0.000002 %
COPPER	0 - 0.000002 %
TITRATABLE ACID	0 - 0.0005 MEQ/G
IRON	0 - 0.00001 %
POTASSIUM	0 - 0.00005 %
LITHIUM	0 - 0.00001 %
MAGNESIUM	0 - 0.00001 %
MANGANESE	0 - 0.000002 %
MOLYBDENUM	0 - 0.00001 %
SODIUM	0 - 0.0001 %
NICKEL	0 - 0.000002 %
LEAD	0 - 0.00001 %
TIN	0 - 0.00001 %
TITRATABLE BASE	0 - 0.003 MEQ/G
STRONTIUM	0 - 0.00001 %
ZIN	0 - 0.00001 %
RECOMMENDED RETEST PERIOD	36 MONTHS
PURITY (GC AREA %)	99.8 - 100 % rel
DENSITY D20/4	0.948 - 0.95
REFRACTIVE INDEX N20/D	1.429 - 1.431
WATER (COULOMETR.)	0 - 0.1 %
RESIDUE (EVAPORATION)	≤ 10 PPM
ACIDITY	FREE ACID (AS CH ₃ COOH): ≤ 0.003 %

Właściwości fizyczne:

Property	Value
Cation traces	Sn: ≤0.1 mg/kg
Expl. lim.	15.2 %
Mp	-61 °C(lit.)
Impurities	≤0.005% free alkali (as NH ₃)
Density	0.94 g/cm ³
Grade	ACS reagent, reag. Ph. Eur.
Vapor density	2.5 (vs air)
Refractive index	n _{20/D} 1.4290-1.4310
Assay	≥99.8% (GC)
Vapor pressure	2.7 mmHg (20 °C)
Autoignition temp.	833 °F

Color	APHA: ≤15
Bp	152-154 °C
Boiling point	152 - 153 °C
Freezing point	-61 °C

Informacje dot. bezpieczeństwa:

Property	Value
Flashpoint	57.5 °C
Hazard Class	3
Package Group	III
UN ID	2265