

Technical Specification

PRODUCT : N,N-DIMETHYLFORMAMIDE RPE-ACS- Reag.Ph.Eur. -Reag.USP

CODE : 444920

MOLECULAR WEIGHT :73.09

CAS N° : 68-12-2

FORMULA : (CH₃)₂N₂CHO

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<= 15
Identification (I.R.)	-	Conform
Water miscibility	-	Conform
Chloroform miscibility	-	Complete
Density d ₂₀ /4	-	0.949 - 0.952
Refractive index at 25°C	-	1.4224 - 1.4314
Boiling point	°C	152.0 - 154.0
Water (K.F.)	%	<= 0.03
Residue on evaporation	ppm	<= 20
Acidity (formic acid)	ppm	<= 20
Alcalinity (NH ₃)	ppm	<= 20
Methanol	ppm	<= 100
Chloride	ppm	<= 10
Heavy metals (as Pb)	ppm	<= 1
Sulfate	ppm	<=10
Cd	ppm	<= 0.05
Cr	ppm	<= 0.02
Cu	ppm	<= 0.02
Fe	ppm	<= 0.05
Ni	ppm	<= 0.02
Pb	ppm	<= 0.1
Assay (GC)	%	>= 99.9

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.
 CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of in