

# Technical Specification

**PRODUCT : n,n-DIMETHYLFORMAMIDE RS - For Headspace chromatography**

**CODE : 444990**

**MOLECULAR WEIGHT :73.09**

**CAS N° : 68-12-2**

**FORMULA : (CH<sub>3</sub>)<sub>2</sub>N<sub>2</sub>O**

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<= 10
Identification	-	Positive
Density at 20°C	-	0.945 - 0.955
Refractive index at 20°C	-	1.428 - 1.432
Boiling point	°C	152.0 - 154.0
Water (K.F.)	ppm	<= 200
Residue on evaporation	ppm	<= 10
Assay (GC)	%	>= 99.99
UV cut off	nm	<= 269
UV Transmittance	-	-
at 270 nm	%	>= 20
at 275 nm	%	>= 55
at 300 nm	%	>= 85
at 320 nm	%	>= 95
GC/HS	-	-
Residual solvent of class 1(acc. to ICH)	µg/g	<= 1
Residual solvent of class 2(acc. to ICH)	µg/g	<= 10
Residual solvent of class 3(acc. to ICH)	µg/g	<= 50

Suitable as solvent for the analysis of residual solvents of ICH classes 1,2 and 3 according to Ph Eur and USP.

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