

# Technical Datasheet

**Article no.: 2350**

**N,N-Dimethylformamide Headspace grade (min. 99.99 %)**

C<sub>3</sub>H<sub>7</sub>NO

For laboratory use.

CAS-No: 68-12-2  
Appearance/condition: Clear, colourless liquid  
Boiling point: 152.0 – 154.0 °C  
Density (20 °C): 0.945 – 0.955 g/ml  
Molar mass: 73.10 g/mol

Parameter	Value
Assay (GC)	min. 99.99 %
Water (KF)	max. 200 ppm
Colour (APHA)	max. 10
Residue on evaporation	max. 10 ppm
UV-Cut off	269 nm
UV-Transmission at 270 nm	min. 20 %
UV-Transmission at 275 nm	min. 55 %
UV-Transmission at 300 nm	min. 85 %
UV-Transmission at 320 nm	min. 95 %
GC/HS: Residual solvent of class 1 acc. ICH	max. 1 µg/g
GC/HS: Residual solvent of class 2 acc. ICH	max. 10 µg/g
GC/HS: Residual solvent of class 3 acc. ICH	max. 50 µg/g

Suitable for the determination of residual solvents of ICH classes 1 – 3 according to Ph. Eur. and USP

Version No. 02/2024-12-16