

DI1065 N,N-Dimethylformamide, ExpertQ®, for analysis, ACS, ISO, Reag. Ph Eur



assay (G.C.) min. 99,8 %
identity (IR-spectrum) passes test
density (20°/4°) 0,948 - 0,950
density (20°/20°) 0,949 - 0,952
appearance clear
colour (Hazen) max. 10
boiling point 152 - 154 °C
acidity max. 0,0005 meq/g
alkalinity max. 0,003 meq/g
aluminium (Al) max. 0,5 ppm
barium (Ba) max. 0,1 ppm
boron (B) max. 0,02 ppm
cadmium (Cd) max. 0,05 ppm

calcium (Ca) max. 0,5 ppm
chromium (Cr) max. 0,02 ppm
cobalt (Co) max. 0,02 ppm
copper (Cu) max. 0,02 ppm
iron (Fe) max. 0,1 ppm
lead (Pb) max. 0,1 ppm
magnesium (Mg) max. 0,1 ppm
manganese (Mn) max. 0,02 ppm
nickel (Ni) max. 0,02 ppm
tin (Sn) max. 0,1 ppm
zinc (Zn) max. 0,1 ppm
residue on evaporation max. 0,001 %
water (K.F.) max. 0,1 %

ART. NO.	VOLUME	CONTAINER
DI10651000	1 l	0
DI10652500	2,5 l	0
DI1065005P	5 l	0
DI1065005L	5 l	0
DI1065025A	25 l	0

DI1071 N,N-Dimethylformamide, dried (max. 0,01% H₂O), ExpertQ®, for analysis



assay (G.C.) min. 99,8 %
identity (IR-spectrum) passes test
density (20°/4°) 0,948 - 0,950
appearance clear
colour (Hazen) max. 10
acidity max. 0,0005 meq/g
alkalinity max. 0,003 meq/g
aluminium (Al) max. 0,5 ppm
barium (Ba) max. 0,1 ppm
boron (B) max. 0,02 ppm
cadmium (Cd) max. 0,05 ppm
calcium (Ca) max. 0,5 ppm

chromium (Cr) max. 0,02 ppm
cobalt (Co) max. 0,02 ppm
copper (Cu) max. 0,02 ppm
iron (Fe) max. 0,1 ppm
lead (Pb) max. 0,1 ppm
magnesium (Mg) max. 0,1 ppm
manganese (Mn) max. 0,02 ppm
nickel (Ni) max. 0,02 ppm
tin (Sn) max. 0,1 ppm
zinc (Zn) max. 0,1 ppm
residue on evaporation max. 0,001 %
water (K.F.) max. 0,01 %

ART. NO.	VOLUME	CONTAINER
DI10711000	1 l	0

DI1072 N,N-Dimethylformamide, Multisolvant® HPLC grade ACS ISO UV-VIS



assay (G.C.) min. 99,9 %
identity (IR-spectrum) passes test
density (20°/4°) 0,948 - 0,950
appearance clear
colour (Hazen) max. 10
acidity max. 0,0005 meq/g
alkalinity max. 0,003 meq/g
aluminium (Al) max. 0,1 ppm
barium (Ba) max. 0,01 ppm
boron (B) max. 0,02 ppm
cadmium (Cd) max. 0,01 ppm
calcium (Ca) max. 0,3 ppm
chromium (Cr) max. 0,02 ppm
cobalt (Co) max. 0,02 ppm
copper (Cu) max. 0,02 ppm
iron (Fe) max. 0,02 ppm
lead (Pb) max. 0,1 ppm
magnesium (Mg) max. 0,1 ppm

manganese (Mn) max. 0,01 ppm
nickel (Ni) max. 0,02 ppm
tin (Sn) max. 0,1 ppm
zinc (Zn) max. 0,01 ppm
residue on evaporation max. 0,0002 %
water (K.F.) max. 0,05 %
liquid chromatography suitability
absorbance passes test
min. transmission/max. absorbance in a 1,0 cm cell at
wavelength T(%) A (AU)
268 nm 15 % 0,824 AU
275 nm 50 % 0,301 AU
290 nm 80 % 0,097 AU
300 nm 90 % 0,046 AU
330 nm 98 % 0,009 AU
Microfiltered through membranes of pore diameter
0,22 µm

ART. NO.	VOLUME	CONTAINER
DI10721000	1 l	0
DI10722500	2,5 l	0
DI10724000	4 l	0
DI1072020S	20 l	0
DI1072025S	25 l	0

DI1068 N,N-Dimethylformamide, for GC residue analysis



assay (G.C.) min. 99,8 %
identity (IR-spectrum) passes test
density (20°/4°) 0,948 - 0,950
residue on evaporation max. 0,0001 %
water (K.F.) max. 0,05 %

Suitable for organohalogenated pesticide and dioxins, furans and PCBs residue analysis. ECD, from 1,2,4-trichlorobenzene to decachlorobiphenyl, no peaks are obtained greater than 3 pg/ml as lindane. No peaks are obtained in vicinity of 2,4,5-trichlorobiphenyl.

ART. NO.	VOLUME	CONTAINER
DI10681000	1 l	0
DI10682500	2,5 l	0

DI1074 N,N-Dimethylformamide, GC head space grade



assay (G.C.) min. 99,9 %
refractive index n₂₀/D 1,430 - 1,440
water (K.F.) max. 0,03 %
Packed under inert gas Suitable for residual solvents analysis Residual solvents are analysed according to guideline CPMP/ICH/283/95. Class 1 solvents excluded by production process. Class 2 and class 3 solvents likely to be present below following limits
dichloromethane 0,6 mg/l
tert-Butyl methyl ether 1 mg/l
acetone 1 mg/l
methanol 1 mg/l
tetrahydrofuran 0,7 mg/l
n-Hexane 0,3 mg/l
ethyl acetate 1 mg/l
ethanol 1 mg/l
cyclohexane 1 mg/l

acetonitrile 0,4 mg/l
2-propanol 1 mg/l
isopropyl acetate 1 mg/l
n-Propanol 1 mg/l
n-Heptane 1 mg/l
methylcyclohexane 1 mg/l
1,4-Dioxane 0,4 mg/l
toluene 0,9 mg/l
pyridine 1 mg/l
n-Butanol 1 mg/l
butyl acetate 1 mg/l
ethylbenzene 1 mg/l
p-Xylene 1 mg/l
m-Xylene 1 mg/l
o-Xylene 1 mg/l
benzene (G.C.) absence

ART. NO.	VOLUME	CONTAINER
DI10741000	1 l	0
DI10742500	2,5 l	0