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DI0856 N,N-Dimethylacetamide, ExpertQ®, for analysis



assay (G.C.) min. 99,5 %
 identity (IR-spectrum) passes test
 density (20°/4°) 0,940 - 0,942
 acidity max. 0,0005 meq/g
 pH (20 %, H₂O) 4,0 - 7,0
 chlorides (Cl) max. 0,001 %
 sulfates (SO₄) max. 0,001 %
 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
 heavy metals (as Pb) max. 0,05 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
 zinc (Zn) max. 0,1 ppm
 residue on evaporation max. 0,0005 %
 water (K.F.) max. 0,05 %

ART. NO.	VOLUME	CONTAINER
DI08561000	1 l	0

DI0860 N,N-Dimethylacetamide, HPLC grade



assay (G.C.) min. 99,8 %
 identity (IR-spectrum) passes test
 density (20°/4°) 0,940 - 0,942
 acidity max. 0,0005 meq/g
 alkalinity max. 0,003 meq/g
 residue on evaporation max. 0,0002 %
 water (K.F.) max. 0,05 %

min. transmission/max. absorbance in a 1,0 cm cell at
 wavelength T(%) A (AU)
 275 nm 20 % 0,699 AU
 285 nm 50 % 0,301 AU
 310 nm 90 % 0,046 AU
 Microfiltered through membranes of pore diameter
 0,22 µm

ART. NO.	VOLUME	CONTAINER
DI08601000	1 l	0
DI08602500	2,5 l	0

DI0862 N,N-Dimethylacetamide, GC head space grade



assay (G.C.) min. 99,9 %
 refractive index n₂₀/D 1,438 - 1,439
 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
DI08621000	1 l	0
DI08622500	2,5 l	0

DI0858 N,N-Dimethylacetamide, standard substance for GC



assay 99,9%
 over ramp 80°C, 7°C/min 220°C
 identity IR

ART. NO.	VOLUME	CONTAINER
DI08580005	5 ml	0

DI0861 N,N-Dimethylacetamide, 99,5%, anhydrous (max. 0,005% H₂O)



assay (G.C.) min. 99,5 %
 identity (IR-spectrum) passes test
 density (20°/4°) 0,940 - 0,942
 free acid (as CH₃COOH) max. 0,01 %
 free alkali (as (CH₃)₂NH) max. 0,01 %
 chlorides (Cl) max. 0,001 %
 sulfates (SO₄) max. 0,001 %
 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. 0,2 ppm
 heavy metals (as Pb) max. 0,05 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
 residue on evaporation max. 0,0005 %
 water (K.F.) max. 0,005 %

ART. NO.	VOLUME	CONTAINER
DI08610100	100 ml	0