

# Chemikálie ARMAR

ARMAR Isotopes, nyní součást firmy HPC, je výrobcem a distributorem deuterovaných rozpouštědel, činidel pro NMR spektroskopii a NMR kyvet.



V nabídce jsou látky s isotopickou čistotou 98–99.98 %D v různých baleních.

**ARMAR Chemicals**

## NMR rozpouštědla, reagensie

katalog. číslo	Popis	Specifikace	Balení
1001	Acetonitrile-d3	99 atom%D	10 ml, 25 ml, 50 ml
1002	Benzene-d6	99 atom%D	10 ml, 25 ml, 50 ml
1003	Acetic acid-d	99 atom%D	50 ml
1004	Acetic acid-d	99.5 atom%D	25 ml
1017	Acetic-d3 acid-d	99.5 atom%D	10 ml, 25 ml, 10 x 0.75 ml
1018	Acetic anhydride-d6	99.5 atom%D	5 ml
1019	Acetone-d6	99 atom%D	25 ml, 50 ml
1020	Acetone-d6	99.5 atom%D	10 ml, 25 ml, 50 ml
1021	Acetone-d6	99.8 atom%D	10 ml, 25 ml, 50 ml, 10 x 0.75 ml
1022	Acetone-d6	99.9 atom%D	10 ml, 10 x 0.75 ml
1024	Acetonitrile-d3	99.5 atom%D	10 ml, 25 ml, 50 ml
1025	Acetonitrile-d3	99.8 atom%D	10 ml, 25 ml, 50 ml, 10 x 0.75 ml
1026	Acetonitrile-d3	99.9 atom%D	10 ml, 10 x 0.75 ml
1027	Aceto-d3 phenone	98 atom%D	5 g
1028	Acetophenone-2'3'4'5'6-d5	98 atom%D	5 g
1029	Acetophenone-d8	98 atom%D	1 ml, 5 ml
1030	Acetylchloride-d3	99 atom%D	5 ml
1032	Ammonium-d4 deuterioxide, 26 wt% in Deuterium oxide	99 atom%D	10 ml, 25 ml
1033	Ammonium-d4 formate-d	98 atom%D	1 g
1034	Ammonium-d8 sulfate	98 atom%D	1 g, 5 g
1035	Aniline-2'3'4'5'6-d5	98 atom%D	1 ml, 5 ml
1036	Aniline-d7	98 atom%D	1 ml, 5 ml
1038	Acetonitrile-d3	100 atom%D	10 x 0.75 ml
1039	Acetic-d3 acid-d	99 atom%D	25 ml
1040	Benzene-d6	99.5 atom%D	10 ml, 25ml, 50 ml, 100 ml, 10 x 0.75 ml



katalog. Číslo	Popis	Specifikace	Balení
1042	Benzene-d6	100 atom%D	10 ml, 10 x 0.75 ml
1043	Benzoic-d5 -acid	99 atom%D	1 g
1044	Biphenyl-d10	99 atom%D	1 g
1045	Boric acid-d3	98 atom%D	5 g
1046	Bromobenzene-D5	99.5 atom%D	5 ml, 10 ml
1047	1-Bromobutane-d9	99 atom%D	1 g
1048	Bromoethane-d5	99 atom%D	1 ml, 5 ml
1049	Bromoform-d	99.5 atom%D	10 g
1050	1-Butanol-d1	99 atom%D	25 ml
1051	1-Butanol-d10	99 atom%D	5 ml
1052	tert.-Butanol-d1	99 atom%D	25 ml
1053	Chlorobenzene-d5	99 atom%D	5 ml, 25 ml
1054	Chloroform-d	99.8 atom%D	10 x 0.75 ml
1054	Chloroform-d stab. with Ag	99.8 atom%D	25 ml, 100 ml, 500 ml
1055	Chloroform-d	100 atom%D	10 x 0.75 ml
1055	Chloroform-d stab. with Ag	100 atom%D	100 ml
1056	Chloroform-d, cont. 0.03 v/v% TMS	99.8 atom%D	10 x 0.75 ml
1056	Chloroform-d, cont. 0.03 v/v% TMS, stab. with Ag	99.8 atom%D	100 ml
1057	Cumene-d12	99 atom%D	1 ml, 5 ml
1058	Cyclohexane-d12	99.5 atom%D	5 ml, 10 ml, 10 x 0.75 ml
1059	Cyclohexanol-d12	98 atom%D	1 ml
1060	Decahydronaphthalene-d18	99 atom%D	1 ml
1061	n-Decane-d22	99 atom%D	1 ml, 5 ml
1063	Deuterium bromide, 46 wt% in Deuterium oxide	99 atom%D	10 ml
1064	Deuterium chloride, 0.1 M in Deuterium oxide	99.8 atom%D	100 ml
1065	Deuterium chloride, 1 M in Deuterium oxide	99.8 atom%D	100 ml
1066	Deuterium chloride, 20 wt% in Deuterium oxide	99.5 atom%D	25 ml
1067	Deuterium chloride, 20 wt% in Deuterium oxide	100 atom%D	10 ml, 25 ml
1068	Deuterium chloride, 38 wt% in Deuterium oxide	99.5 atom%D	10 ml, 50 ml
1069	Deuterium oxide	99.9 atom%D	10 x 0.75 ml, 10 ml, 1 l
1069	Deuterium oxide	99.9 atom%D, Septum vial	10 ml, 25 ml, 100 ml, 500 ml, 10 x 0.75 ml
1070	Deuterium oxide	100 atom%D	10 ml, 25 ml, 50 ml, 10 x 0.75 ml
1070	Deuterium oxide	100 atom%D, Septum vial	10 ml
1071	1,4-Dibromobenzene-d4	99 atom%D	1 g, 5 g
1073	1,2-Dichlorobenzene-d4	99 atom%D	1 ml, 5 ml
1074	1,4-Dichlorobenzene-d4	98 atom%D	1 g, 5 g
1075	Dichloromethane-d2	99.5 atom%D	5 ml, 10 ml, 25 ml, 50 ml, 10 x 0.75 ml
1076	Dichloromethane-d2	99.8 atom%D	10 ml, 25 ml, 10 x 0.75 ml
1077	Dichloromethane-d2	99.9 atom%D	10 x 0.75 ml



Katalog- Číslo	Popis	Specifikace	Balení
1078	Dichloromethane-d2	100 atom%D	10 ml, 10 x 0.75 ml
1079	Diethylether-d10	99 atom%D	1 ml, 5 ml
1081	Dimethyl-d6 amine hydrochloride	99.5 atom%D	5 g
1082	Dimethylcarbonate-d6	99.5 atom%D	1 ml, 5 ml
1083	N,N-Dimethylformamide-d7	99.5 atom%D	5 ml, 10 ml, 25 ml, 10 x 0.75 ml
1084	N,N-Dimethylformamide-d7	99.8 atom%D	5 ml, 10 x 0.75 ml
1085	Dimethylsulfate-d6	99.5 atom%D	1 ml, 5 ml
1086	Dimethyl-13C2 ,d6 sulfate	99 atom%13C / 99 atom%D	1 g
1088	Dimethyl-d6 sulfoxide	99.5 atom%D	10 ml, 25 ml, 50 ml, 100 ml
1089	Dimethyl-d6 sulfoxide	99.8 atom%D	10 ml, 25 ml, 50 ml, 100 ml, 10 x 0.75 ml
1089	Dimethyl-d6 sulfoxide	99.8 atom%D, Septum vial	10 ml
1090	Dimethyl-d6 sulfoxide	99.9 atom%D	10 ml, 25 ml, 50 ml, 10 x 0.5 ml, 10 x 0.75 ml
1090	Dimethyl-d6 sulfoxide	99.9 atom%D, Septum vial	10 ml
1091	Dimethyl-d6 sulfoxide	100 atom%D	10 ml, 25 ml, 10 x 0.75 ml
1092	Dimethyl-d6 sulfoxide, cont. 0.03 v/v% TMS	99.8 atom%D	10 ml, 25 ml, 10 x 0.75 ml
1093	Dimethyl-d6 sulfoxide, cont. 0.03 v/v% TMS	99.9 atom%D	10 ml, 25 ml, 10 x 0.6 ml, 10 x 0.75 ml
1095	n-Dodecane-d26	98 atom%D	1 ml, 5 ml
1096	Ethyl-d5 acetat-d3	99 atom%D	1 ml
1097	Ethyl alcohol-d, anhydrous	99.5 atom%D	50 ml, 100 ml
1098	Ethyl-d5 alcohol-d, anhydrous	99 atom%D	1 ml, 5 ml
1099	Ethylbenzene-d10	99 atom%D	1 ml
1100	Ethylene glycol-d2	98 atom%D	10 ml
1102	Fluorobenzene-d5	98 atom%D	1 g, 5 g
1103	Formic-d acid, 95 wt% in Water	98 atom%D	5 ml
1104	Formic acid-d, 95 wt% in Deuterium oxide	98 atom%D	5 ml
1105	Formic-d acid-d, 95 wt% in Deuterium oxide	98 atom%D	5 ml, 10 ml
1106	Furan-d4	99 atom%D	1 ml
1107	n-Heptane-d16	99 atom%D	1 ml, 5 ml
1108	n-Hexadecane-d34	99 atom%D	1 ml
1109	Hexafluoroacetone trideuterate	99.5 atom%D	5 ml
1111	Hexamethylphosphoricacid triamide-d18	99.5 atom%D	1 ml, 5 ml
1112	n-Hexane-d14	99 atom%D	1 ml, 5 ml
1113	Iodoethane-d5	99 atom%D	5 g
1114	Iodomethane-d3	99.5 atom%D	5 g, 25 g
1117	Malonic acid-d2	99.5 atom%D	10 g
1118	Mesitylene-d12	99 atom%D	1 ml, 5 ml
1119	Methyl alcohol-d	99.5 atom%D	25 ml
1120	Methyl-d3 alcohol	99.5 atom%D	1 ml, 5 ml
1121	Methanol-d4	99.8 atom%D	10 ml, 25 ml, 50 ml, 10 x 0.5 ml, 10 x 0.6 ml, 10 x 0.75 ml



katalog. číslo	Popis	Specifikace	Balení
1121	Methanol-d4	99.8 atom%D, Septum vial	10 ml
1122	Methanol-d4	100 atom%D	10 ml, 10 x 0.75 ml
1123	Methanol-d4 cont. 0.03 v/v% TMS	99.8 atom%D	10 ml, 25 ml, 10 x 0.75 ml
1124	Methylcyclohexane-d14	99.5 atom%D	5 ml, 10 ml
1125	Methyl-d3 methacrylate-d5, stab.	99.5 atom%D	1 ml, 5 ml
1127	Naphthalene-d8	98 atom%D	1 g
1130	Nitric acid-d, 65 wt% in Deuterium oxide	99 atom%D	5 ml, 25 ml
1131	Nitrobenzene-d5	99.5 atom%D	5 ml, 10 ml
1132	Nitromethane-d3	99 atom%D	5 ml, 10 ml
1133	Nitromethane-d3	99.5 atom%D	5 ml, 10 ml
1134	n-Octane-d18	99 atom%D	1 ml, 5 ml, 25 ml
1135	Paraformaldehyde-d2	99 atom%D	1 g
1136	Phenol-d6	98 atom%D	1 g, 5 g, 100 g
1137	Phenyl-d5-boronic acid	98 atom%D	1 g
1138	Phosphoric acid-d3, 85 wt% in Deuterium oxide	99 atom%D	10 ml, 25 ml
1139	Potassium deuterioxide, 30 wt% in Deuterium oxide	99.8 atom%D	10 ml, 25 ml
1140	1-Propanol-d1	99 atom%D	25 g
1141	2-Propanol-d1	98 atom%D	5 ml, 25 ml
1142	2-Propanol-d7	99.5 atom%D	1 ml
1143	2-Propanol-d8	99.5 atom%D	5 ml, 10 ml, 25 ml
1144	Pyridine-d5	99 atom%D	25 ml, 50 ml
1145	Pyridine-d5	99.5 atom%D	10 ml, 25 ml, 50 ml, 10 x 0.75ml
1146	Pyridine-d5	99.8 atom%D	10 ml, 25 ml, 50 ml, 10 x 0.75ml
1147	Pyridine-d5	100 atom%D	10 ml, 10 x 0.75 ml
1148	Sodiumacetate-d3	99 atom%D	5 g, 10 g
1149	Sodium borodeuteride	98 atom%D	1 g, 5 g
1150	Sodium deuterioxide, 0.1 M in Deuterium oxide	99.8 atom%D	100 ml
1151	Sodium deuterioxide, 1 M in Deuterium oxide	99.8 atom%D	100 ml
1152	Sodium deuterioxide, 30 wt% in Deuterium oxide	99.5 atom%D	10 ml, 25 ml
1153	Sodium deuterioxide, 40 wt% in Deuterium oxide	99.5 atom%D	50 ml
1154	Sodium deuterioxide, 40 wt% in Deuterium oxide	99.9 atom%D	10 ml, 25 ml
1155	Sodium formate-d	99.5 atom%D	5 g, 10 g
1156	Styrene-d3, stab.	98 atom%D	1 g
1157	Styrene-d3, polymerized	98 atom%D	1 g
1159	Styrene-d8, stab.	98 atom%D	1 g, 5 g
1160	Styrene-d8, polymerized	98 atom%D	1 g, 10 g
1161	Sulfolane-d8	99 atom%D	1 ml
1162	Sulfuric acid-d2, 98 wt% in Deuterium oxide	99.5 atom%D	10 ml, 25 ml, 50 ml
1163	Terephthalic-d4-acid	99 atom%D	1 g, 5 g
1164	1,1,2,2-Tetrachloroethane-d2	99.5 atom%D	10 ml, 25 ml, 50 ml, 10 x 0.75ml
1165	Tetrahydrofuran-d8	99.5 atom%D	10 ml, 25 ml, 50 ml, 10 x 0.75ml



katalog. číslo	Popis	Specifikace	Balení
1168	Tetramethylsilane	99.8% GC	10 ml, 25 ml
1169	Toluene-d8	99 atom%D	25 ml, 50 ml
1170	Toluene-d8	99.5 atom%D	10 ml, 25 ml, 50 ml, 10 x 0.75ml
1173	1,3,5-Trichlorobenzene-d3	98 atom%D	1 g
1174	Trifluoroacetic acid-d	99.5 atom%D	10 ml, 10 x 0.75 ml
1176	3-(Trimethylsilyl)-1-propanesulfonic acid sodium salt	confirm 1H - NMR	1 g, 5 g
1177	3-(Trimethylsilyl)propionic-2,2,3,3-d4 acid sodium salt	99 atom%D	1 g
1178	Urea-d4	98 atom%D	25 g
1179	Water-18O, nomalized	97 at%18O	1 g

## Víčka pro kyvety NMR

katalog. číslo	Popis	Počet ks v balení
1187	Caps (PE) for 5 mm NMR-Tubes, black	100 ks
1188	Caps (PE) for 5 mm NMR-Tubes, blue	100 ks
1189	Caps (PE) for 5 mm NMR-Tubes, green	100 ks
1190	Caps (PE) for 5 mm NMR-Tubes, orange	100 ks
1191	Caps (PE) for 5 mm NMR-Tubes, purple	100 ks
1192	Caps (PE) for 5 mm NMR-Tubes, red	100 ks
1193	Caps (PE) for 5 mm NMR-Tubes, white	100 ks
1194	Caps (PE) for 5 mm NMR-Tubes, yellow	100 ks
1195	Caps (PE) for 5 mm NMR-Tubes, pink	100 ks
1196	Caps (PE) for 5 mm NMR-Tubes, sky	100 ks
1197	Caps (PE) for 5 mm NMR-Tubes, fuchsia	100 ks
1198	Caps (PE) for 5 mm NMR-Tubes, aqua	100 ks

## NMR kyvety

katalog. číslo	Popis	Počet ks v balení
1227	5 mm NMR Wilmad Economy NMR Tube, 7", High-Throughput	100 ks
1228	5 mm NMR Wilmad Economy NMR Tube, 8", High-Throughput	100 ks
1229	5 mm NMR Wilmad Economy NMR Tube, 7", 300MHz	5 ks
1230	5 mm NMR Wilmad Economy NMR Tube, 8", 300MHz	5 ks
1231	5 mm NMR Wilmad Economy NMR Tube, 7", 400MHz	5 ks
1232	5 mm NMR Wilmad Economy NMR Tube, 8", 400MHz	5 ks
1233	5 mm NMR Wilmad Economy NMR Tube, 7", 500MHz	5 ks
1234	5 mm NMR Wilmad Economy NMR Tube, 8", 500MHz	5 ks
1235	5 mm NMR Wilmad Economy NMR Tube, 7", 600MHz	5 ks
1236	5 mm NMR Wilmad Economy NMR Tube, 8", 600MHz	5 ks
1237	5 mm NMR Wilmad Economy NMR Tube, 7", 700MHz	5 ks

