



Reagents for photometry and spectrophotometry come from fifty years of experience of ORCHIDIS. They are available as starting kits for PHOTOPOD, and reagents refills for PHOTOPOD and spectrophotometers. Starting kits contain reagents, equipment and instructions. Refills contains only reagents. All methods are achievable by anyone, experienced or not.

Parameter		Range	Reagents	Time (mn)	Photopod LS	Photopod SP	Uviline	Starting kit for Photopod	Nbr test	Reagents refill for Photopod	Nbr test	Reagents for Uviline	Nbr test
Alkalinity	TA	2,0 - 50,0 °F	tablet	5	●	●	●	1MT134	100	1MT045	250	1MS045	250
Alkalinity	TAC	2,0 - 50,0 °F	tablet	4	●	●	●	1MT135	100	1MT046	250	1MS046	250
Aluminium	Al <sup>3+</sup>	0,05 - 1,00 mg/L	liquid	5			●	-	-	-	-	1MS303	300
Aluminium	Al <sup>3+</sup>	0,05 - 3,00 mg/L	liquid	5	●			1MT136	150	1MT303	300	-	-
Aluminium	Al <sup>3+</sup>	0,02 - 0,30 mg/L	tablet	8		●	●	1MT001	100	1MT304	250	1MS304	250
Aluminium	Al <sup>3+</sup>	0,20 - 3,00 mg/L	tablet	9		●	●	1MT001	100	1MT304	250	1MS304	250
Ammonium	NH <sub>4</sub> <sup>+</sup> -N	0,80 - 24,0 mg/L N	liquid	6	●		●	1MT002	150	1MT305	300	1MS305	300
Ammonium	NH <sub>4</sub> <sup>+</sup> -N	0,20 - 4,80 mg/L N	liquid	6	●		●	1MT002	125	1MT305	250	1MS305	250
Ammonium	NH <sub>4</sub> <sup>+</sup> -N	0,08 - 1,60 mg/L N	tablet	11	●	●	●	1MT193	100	1MT306	250	1MS306	250
Ammonium#	NH <sub>4</sub> <sup>+</sup> -N	0,08 - 1,60 mg/L N	tablet	11	●	●	●	1MT003	100	1MT358	250	1MS358	200
Benzotriazole	BZT	1,00 - 16,0 mg/L	liquid	5,5	●			1MT078	100	1MT307	200	-	-
Bromine	Br <sub>2</sub>	0,10 - 2,25 mg/L	tablet	4	●	●	●	1MT138	100	1MT004	250	1MS004	250
Bromine	Br <sub>2</sub>	1,00 - 13,5 mg/L	tablet	7	●	●	●	1MT138	100	1MT004	250	1MS004	250
Calcium	CaCO <sub>3</sub> -Ca	2,0 - 20,0 mg/L CaCO <sub>3</sub>	tablet	3		●	●	1MT139	100	1MT309	250	1MS309	250
Calcium	CaCO <sub>3</sub> -Ca	20 - 200 mg/L CaCO <sub>3</sub>	tablet	4		●	●	1MT139	100	1MT309	250	1MS309	250
Chromium 6	Cr <sup>6+</sup> -CrO <sub>4</sub> <sup>2-</sup>	0,10 - 4,00 mg/L Cr <sup>6+</sup>	liquid	1,5	●		●	1MT180	200	1MT009	200	1MS009	200
Chromium 6	Cr <sup>6+</sup>	0,05 - 2,00 mg/L	tablet	6		●	●	1MT142	100	1MT312	250	1MS312	250
Chlorides	Cl <sup>-</sup>	1,0 - 50,0 mg/L	liquid	4	●		●	1MT044	125	1MT310	250	1MS310	250
Chlorides	Cl <sup>-</sup>	10 - 500 mg/L	liquid	5	●		●	1MT044	125	1MT310	250	1MS310	250
Chlorides	Cl <sup>-</sup>	0,50 - 20,0 mg/L	tablet	4		●	●	1MT141	100	1MT311	250	1MS311	250
Chlorides	Cl <sup>-</sup>	5 - 200 mg/L	tablet	5		●	●	1MT141	100	1MT311	250	1MS311	250
Chlorine Dioxide	ClO <sub>2</sub>	0,20 - 4,75 mg/L	tablet	4	●	●	●	1MT177	100	1MT069	250	1MS069	250
Chlorine Dioxide	ClO <sub>2</sub>	2,4 - 28,5 mg/L	tablet	7	●	●	●	1MT177	100	1MT069	250	1MS069	250
Copper	Cu <sup>2+</sup>	0,20 - 5,00 mg/L	tablet	6		●	●	1MT011	100	1MT314	250	1MS314	250
Copper	Cu <sup>2+</sup>	0,05 - 5,00 mg/L	liquid	3,5	●		●	1MT181	200	1MT313	200	1MS313	200
Cyanides	CN <sup>-</sup>	0,02 - 0,50 mg/L	liquid	11	●		●	1MT012	150	1MT315	300	1MS315	300
Cyanuric Acid	Cyan.Ac.	10 - 200 mg/L	tablet	5		●	●	1MT048	100	1MT302	250	1MS302	250
Cyanuric Acid	Cyan.Ac.	10 - 200 mg/l	liquid	5	●		●	1MT130	100	1MT301	200	1MS301	200
DEHA	DEHA	0,05 - 1,00 mg/L	liquid	11,5			●	-	-	-	-	1MS112	200
DEHA	DEHA	0,02 - 1,00 mg/L	liquid	11,5	●			1MT182	200	1MT112	200	-	-

\* Metropolitan France only  
# sea water compatible



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Parameter		Range (mg/L)	Reagents	Time (mn)	Photopod LS	Photopod SP	Uviline	Starting kit for Photopod	Nbr test	Reagents refill for Photopod	Nbr test	Reagents for Uviline	Nbr test
Fluorides	F <sup>-</sup>	0,20 - 2,00 mg/L	tablet	7		●	●	1MT147	100	1MT320	200	1MS320	200
Free Chlorine	Cl <sub>2</sub>	0,05 - 1,00 mg/L	tablet	4	●	●	●	1MT140	100	1MT116	250	1MS116	250
Free Chlorine	Cl <sub>2</sub>	0,50 - 6,00 mg/L	tablet	7	●	●	●	1MT140	100	1MT116	250	1MS116	250
Hydrogen Peroxide	H <sub>2</sub> O <sub>2</sub>	0,05 - 5,00 mg/L	tablet	1,5			●	-	-	-	-	1MS322	250
Hydrogen Peroxide	H <sub>2</sub> O <sub>2</sub>	2 - 200 mg/L	tablet	1,5	●	●	●	1MT148	100	1MT321	250	1MS321	250
Hydrogen Peroxide	H <sub>2</sub> O <sub>2</sub>	0,05 - 2,00 mg/L	tablet	2,5	●	●		1MT149	100	1MT322	250	-	-
Hardness	TH	2,0 - 20,0 °F	tablet	4	●	●	●	1MT143	100	1MT047	250	1MS047	250
Hardness	TH	5,0 - 50,0 °F	tablet	5	●	●	●	1MT143	100	1MT047	250	1MS047	250
Hydrazin	N <sub>2</sub> H <sub>4</sub>	0,10 - 2,00 mg/L	liquid	3			●	-	-	-	-	1MS323	100
Hydrazin	N <sub>2</sub> H <sub>4</sub>	0,10 - 1,00 mg/L	liquid	3	●			1MT019	25	1MT323	100	-	-
Iron	Fe	0,05 - 5,00 mg/L	liquid	3	●		●	1MT144	150	1MT317	300	1MS317	300
Iron	Fe	1,0 - 10,0 mg/L	liquid	12	●			1MT194	100	1MT359	200	-	-
Iron	Fe	0,2 - 20,0 mg/L	tablet	4		●	●	1MT145	100	1MT318	250	1MS318	250
Iron	Fe	0,05 - 5,00 mg/L	tablet	7		●	●	1MT146	100	1MT319	250	1MS319	250
Magnesium	Mg <sup>2+</sup>	0,50 - 5,00 mg/L	tablet	4	●	●	●	1MT161	100	1MT325	250	1MS325	250
Magnesium	Mg <sup>2+</sup>	5,0 - 50,0 mg/L	tablet	5	●	●	●	1MT161	100	1MT325	250	1MS325	250
Manganese	Mn <sup>2+</sup>	0,10 - 8,00 mg/L	tablet	6		●	●	1MT162	100	1MT327	250	1MS327	250
Manganese	Mn <sup>2+</sup>	0,20 - 5,00 mg/L	liquid	6	●		●	1MT050	125	1MT326	250	1MS326	250
Molybdate	MoO <sub>4</sub> -Mo	3,0 - 60,0 mg/L Mo	tablet	2		●	●	1MT024	100	1MT330	250	1MS330	250
Molybdate	MoO <sub>4</sub> -Mo	0,5 - 100,0 mg/L Mo	liquid	1,5			●	-	-	-	-	1MS329	200
Molybdate	MoO <sub>4</sub> -Mo	0,5 - 20,0 mg/L Mo	liquid	1,5	●			1MT183	200	1MT329	200	-	-
Molybdate	MoO <sub>4</sub> -Mo	20 - 200 mg/L Mo	liquid	1,5	●		●	1MT183	200	1MT329	200	1MS329	200
Nickel	Ni <sup>2+</sup>	0,50 - 10,0 mg/L	tablet	3		●	●	1MT079	100	1MT332	200	1MS332	200
Nickel	Ni <sup>2+</sup>	0,10 - 5,00 mg/L	liquid	4	●		●	1MT164	100	1MT331	200	1MS331	200
Nitrates#	NO <sub>3</sub> <sup>-</sup> -N	0,06 - 2,30 mg/L N	liquid	10	●	●	●	1MT184	25	1MT350	50	1MS350	50
Nitrates#	NO <sub>3</sub> <sup>-</sup> -N	0,6 - 23,0 mg/L N	liquid	10	●	●	●	1MT184	25	1MT350	50	1MS350	50
Nitrates	NO <sub>3</sub> <sup>-</sup> -N	0,10 - 1,00 mg/L N	tablet	17		●	●	1MT101	100	1MT333	200	1MS333	200
Nitrates	NO <sub>3</sub> <sup>-</sup> -N	1,0 - 22,5 mg/L N	tablet	17		●		1MT101	100	1MT333	200	-	-
Nitrates	NO <sub>3</sub> <sup>-</sup> -N	4,5 - 45,0 mg/L N	tablet	17		●		1MT101	100	1MT333	200	-	-
Nitrites#	NO <sub>2</sub> <sup>-</sup> -N	0,01 - 0,60 mg/L N	liquid	6	●	●	●	1MT027	150	1MT334	300	1MS334	300
Nitrites	NO <sub>2</sub> <sup>-</sup> -N	0,01 - 0,60 mg/L N	tablet	11		●	●	1MT165	100	1MT335	250	1MS335	250



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Nitrites	NO <sub>2</sub> -N	0,4 - 41,0 mg/L N	tablet	3		●	●	1MT166	100	1MT336	250	1MS336	250
Nitrites	NO <sub>2</sub> -N	4 - 410 mg/L N	tablet	3		●	●	1MT166	100	1MT336	250	1MS336	250
Ozone	O <sub>3</sub>	0,30 - 4,00 mg/L	tablet	7	●	●	●	1MT029	100	1MT337	250	1MS337	250
Ozone	O <sub>3</sub>	0,03 - 0,65 mg/L	tablet	4	●	●	●	1MT029	100	1MT337	250	1MS337	250
pH	pH	6,8 - 8,6	liquid	0,5	●			1MT036	125	1MT338	250	-	-
Phosphates	P <sub>2</sub> O <sub>5</sub>	1,0 - 36,0 mg/L	liquid	11	●		●	1MT030	125	1MT352	250	1MS352	250
Phosphates	PO <sub>4</sub> <sup>3-</sup> -P	0,06 - 1,60 mg/L	liquid	11	●		●	1MT030	125	1MT352	250	-	-
Phosphates	PO <sub>4</sub> <sup>3-</sup> -P	0,06 - 1,60 mg/L P	liquid	11	●		●	1MT030	125	1MT352	250	1MS352	250
Phosphates	PO <sub>4</sub> <sup>3-</sup> -P & P <sub>2</sub> O <sub>5</sub>	0,50 - 13,0 mg/L P	liquid		●		●	1MT031	125	1MT351	250	1MS351	250
Phosphates	PO <sub>4</sub> <sup>3-</sup> -P	1,0 - 40,0 mg/L P	liquid	6		●	●	1MT185	100	1MT353	250	1MS353	250
Phosphates	PO <sub>4</sub> <sup>3-</sup> -P	0,6 - 32,6 mg/L P	tablet	2,5		●	●	1MT186	100	1MT354	200	1MS354	200
Phosphates	PO <sub>4</sub> <sup>3-</sup> -P	0,06 - 1,30 mg/L P	tablet	5		●	●	1MT186	100	1MT354	200	1MS354	200
Potassium	K <sup>+</sup>	2,00 - 15,0 mg/L	tablet	4	●	●	●	1MT168	100	1MT340	250	1MS340	250
Silica	SiO <sub>2</sub>	10 - 300 mg/l	liquid	8	●		●	1MT040	150	1MT341	300	1MS341	300
Silica	SiO <sub>2</sub>	0,20 - 10,0 mg/L	liquid	8	●		●	1MT040	150	1MT341	300	1MS341	300
Silica	SiO <sub>2</sub>	0,05 - 10,0 mg/L	tablet	12	●	●	●	1MT170	100	1MT343	200	1MS343	200
Silica	SiO <sub>2</sub>	5 - 150 mg/L	tablet	12		●	●	1MT173	100	1MT342	200	1MS342	200
Sulfates	SO <sub>4</sub> <sup>2-</sup>	5 - 300 mg/L	liquid	11			●	-	-	-	-	1MS344	200
Sulfates	SO <sub>4</sub> <sup>2-</sup>	10 - 400 mg/L	liquid	11	●			1MT080	100	1MT344	200	-	-
Sulfates	SO <sub>4</sub> <sup>2-</sup>	10 - 200 mg/L	tablet	6		●	●	1MT171	100	1MT041	200	1MS041	250
Sulfure	S <sup>2-</sup>	0,05 - 0,60 mg/L	tablet	6	●	●	●	1MT172	100	1MT345	-	1MS345	200
Total Chlorine	Cl <sub>2</sub>	0,05 - 1,00 mg/L	tablet	4	●	●	●	1MT192	100	1MT007	250	1MS007	250
Total Chlorine	Cl <sub>2</sub>	0,50 - 6,00 mg/L	tablet	7	●	●	●	1MT192	100	1MT007	250	1MS007	250
Turbidity	Turbi	10 - 100 NTU	-	0	●	●		-	-	-	-	-	-
Turbidity	Turbi	10 - 4000 NTU	-	0	●	●		-	-	-	-	-	-
Zinc	Zn <sup>2+</sup>	0,05 - 4,00 mg/L	liquid	2	●		●	1MT190	200	1MT356	200	1MS356	200
Zinc	Zn <sup>2+</sup>	0,10 - 4,00 mg/L	tablet	6		●	●	1MT043	100	1MT346	200	1MS346	250