
























Applications of Lovibond® Reagents

Parameter	Reagent	Application
Acid capacity Ks4.3	ALKA-M-PHOTOMETER	 (P)
Acid concentration	ACID CONCENTRATION	
Alkalinity-M	ALKA-M-PHOTOMETER	
Alkalinity-P	ALKA-P-PHOTOMETER	
Aluminium	ALUMINIUM No. 1 ALUMINIUM No. 2	
Aluminium	VARIO Aluminum ECR/F20 VARIO Aluminum Hexamine/F20 VARIO Aluminum Masking Reagent	
Amine	Amine	 (B)
Ammonia vario	VARIO Ammonia Salicylate F10 VARIO Ammonia Cyanurate F10	
Ammonia	AMMONIA No. 1 AMMONIA No. 2 Conditioning powder	  
Ammonia LR	VARIO Ammonia Salicylate F5 VARIO Ammonia Cyanurate F5 VARIO Am Diluent Reagent LR	
Ammonia HR	VARIO Ammonia Salicylate F5 VARIO Ammonia Cyanurate F5 VARIO Am Diluent Reagent HR	
Arsenic (III, V)	Chemicals see manual	
Boron	BORON No. 1 BORON No. 2	
Bromine	DPD 1 Buffer solution DPD 1 Reagent solution	
Bromine	DPD No. 1 DPD No. 1 HIGH CALCIUM	 
Cadmium (Cd²⁺)	Spectroquant® 1.14834.0001	
Chloride	CHLORIDE T1 CHLORIDE T2	
Chloride	RT (Chloride-51 / Chloride-52)	
Chlorine	DPD No. 1 RAPID DPD No. 3 RAPID DPD No. 4 RAPID	

 = Water

 = Waste Water

























 = Seawater

 (B) = Boiler Water related





























 (P) = Pool Water related























RT = Reagent Test

KT = Tube Test





























Parameter	Reagent	Application	
Chlorine	DPD No. 1		 = Water  = Waste Water  = Seawater  = Boiler Water related  = Pool Water related RT = Reagent Test KT = Tube Test
	DPD No. 3		
	DPD No. 1 HIGH CALCIUM		
Chlorine	DPD 1 Buffer solution DPD 1 Reagent solution DPD 3 Solution		
Chlorine	VARIO Chlorine FREE-DPD/F10 VARIO Chlorine TOTAL-DPD/F10		
Chlorine HR (KI)	ACIDIFYING GP CHLORINE HR (KI)		
Chlorine dioxide	DPD No. 1		
	DPD No. 3		
	GLYCINE		
Chlorine dioxide	DPD 1 Buffer solution DPD 1 Reagent solution		
Chromium	PERSULF. RGT FOR CR Chromium Hexavalent		
COD LR	Reaction tube 0-150 mg/l		
COD MR	Reaction tube 0-1500 mg/l		
COD HR	Reaction tube 0-15000 mg/l		
Colour (Spectral Absorption Coefficient)	---		
Copper	COPPER / ZINC LR		
Copper	COPPER / ZINC HR		
Copper	COPPER No. 1		
	COPPER No. 2		
Copper, free	VARIO Cu 1 F 10		
Cyanide	Reagent test set, consists of: Cyanide-11/ -12 / -13		
Cyanuric acid	CyA-TEST		
DEHA	DEHA Solution DEHA		
DEHA	VARIO OXYSCAV 1 Rgt VARIO DEHA 2 Rgt Solution		
























Applications of Lovibond® Reagents

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Fluoride	SPADNS-Reagent Fluoride Standard		 = Water
Fluoride	Fluoride A-Z Fluoride Excess Al		 = Waste Water
Formaldehyde	Spectroquant® 1.14678.0001		 = Seawater
Formaldehyde	Spectroquant® 1.14500.0001		 (B) = Boiler Water related
Hardness, Calcium	CALCHECK		 (P) = Pool Water related
Hardness, total	HARDCHECK P		RT = Reagent Test
Hardness, total	Hardness Yes/No		KT = Tube Test
Hardness, total	T Hardness-Test		
Hardness, total	Total Hardness		
Hazen (Pt-Co-Scale; APHA)	---		
Hydrazine	Hydrazine Test Powder Spoon		
Hydrazine	Vacu-vials® / Chemetrics K-5003		
Hydrogen peroxide	HYDROGENPEROXIDE LR		
Iodine	DPD No. 1		
Iron (II, III) soluble	Vario Ferro F10		
Iron (II, III) soluble	IRON LR IRON (II) LR		
Iron	IRON HR		
Iron (TPTZ)	Vario TPTZ F10		
Lead (Pb ²⁺)	Spectroquant® 1.09717.0001		
Lead (Pb ²⁺)	Spectroquant® 1.14833.0001		
Manganese	MANGANESE LR 1 MANGANESE LR 2		
Manganese	VARIO Ascorbic Acid VARIO Alkaline-Cyanide VARIO PAN Indicator		
Molybdate	MOLYBDATE No. 1 HR MOLYBDATE No. 2 HR		

Parameter	Reagent	Application	
Nickel	RT (Nickel-51, Nickel-52)		 = Water
Nitrate	KT (Nitrate-111)		 = Waste Water
Nitrate	VARIO Nitrate Chromotropic VARIO Nitra X Reagent tube VARIO Deionised water		 = Seawater
Nitrate	NITRITE LR Nitrate Test Tablets Nitrate Test Powder		 = Boiler Water related  = Pool Water related
Nitrate HR	Nitracheck No.1 Nitracheck No.2		RT = Reagent Test KT = Tube Test
Nitrite	KT (Nitrit-101)		
Nitrite	NITRITE LR		
Nitrite	Nitrite No.1 Nitrite No.2		
Nitrogen-total	KT (Reagent for digestion, Reagent for compensation, Nitrat-111)		
Nitrogen, total LR	VARIO TN HYDROX. LR tubes VARIO PERSULFATE Reagent VARIO TN Reagent A VARIO TN Reagent B VARIO TN ACID LR/HR tubes VARIO Deionised water		
Nitrogen, total HR	VARIO TN HYDROX HR tubes VARIO PERSULFATE Reagent VARIO TN Reagent A VARIO TN Reagent B VARIO TN ACID LR/HR tubes VARIO Deionised water		
Oxygen, active	DPD No. 4		
Oxygen, active	INDIGO CARMINE		
Oxygen, dissolved	Vacu-vials® / Chemetrics K-7553		
Ozone	DPD No. 1 DPD No. 3 GLYCINE		
Ozone	Ozone		
Phenols	Phenole No. 1 Phenole No. 2		

Applications of Lovibond® Reagents

Parameter	Reagent	Application	
PHMB (Biguanide)	PHMB PHOTOMETER		 = Water
Phosphate-Organo	ORGANO-PHOSPHONATE No.1 ORGANO-PHOSPHONATE No.2		 = Waste Water
Phosphate HR	PHOSPHATE HR		 = Seawater
Phosphate-total* (PMB)	KT (Phosphate-101, Phosphate-102, Phosphate-103)		 = Boiler Water related
Phosphate-total* (PMB)	KT (Phosphate-101, Phosphate-102, Phosphate-103)		 = Pool Water related
Phosphate-ortho (VM)	KT		RT = Reagent Test
Phosphate LR, ortho	PHOSPHATE LR No. 1 PHOSPHATE LR No. 2		KT = Tube Test
Phosphate HR, ortho	PHOSPHATE HR No. 1 PHOSPHATE HR No. 2		
Phosphate, ortho	VARIO Phos 3 F10		
Phosphate, ortho	VARIO Dilution Vial VARIO Phos 3 F10 VARIO Deionised water		
Phosphate, acid hydrolyzable	Content see: Phosphate, total, set, additional: VARIO Natriumhydroxid 1,00 N		
Phosphate, total	VARIO Acid Reagent Vial VARIO Phos 3 F10 VARIO Potassium Persulfate VARIO Natriumhydroxid 1,54 N VARIO Deionised water		
pH value	BROMOCRESOLPURPLE/PHOTOM.		
pH value	PHENOLRED RAPID		
pH value	PHENOLRED / PHOTOMETER		
pH value	PHENOLRED Solution		
pH value	THYMOLBLUE/PHOTOMETER		
pH value	METHYL RED		
pH value	CRESOL RED		
pH value	BROMOPHENOL BLUE		
pH value	BROMOCRESOL GREEN		
pH value	M-CRESOLPURPLE		
pH value	UNIVERSAL PH		

Parameter	Reagent	Application	
Potassium	POTASSIUM T		 = Water
QAC	QAC Test		 = Waste Water
QAC LR	QAC LR		 = Seawater
QAC HR	QAC HR		 = Boiler Water related
Silica	SILICA No. 1 SILICA No.2 SILICA PR		 = Pool Water related
Silica	VARIO LR Amino Acid F F10 VARIO Citric Acid F10 VARIO Molybdate 3 Rgt Solution		RT = Reagent Test KT = Tube Test
Silica	VARIO Silica HR Acid Rgt F10 VARIO Silica Citric Acid F10 VARIO Silica Molybdate F10		
Sulphate	SULFATE T		
Sulphate	VARIO Sulpha 4 / F10		
Sulphate	SULFATE No.1 SULFATE No.2		
Sulphide	SULFIDE No. 1 SULFIDE No. 2		
Sulphite	SULFITE LR		
Sulphite	SULFITE No.1 SULFITE No.2 HR SULFITE No.2 LR		
Surfactants (anionic)	Spectroquant® 1.14697.0001		
Tannin	TANNIN No.1 TANNIN No.2		
TOC	Spectroquant® 1.14879.0001		
Turbidity	---		
Urea	UREA-Reagent 1 UREA-Reagent 2 AMMONIA No. 1 AMMONIA No. 2		
Zinc	COPPER / ZINC LR EDTA DECHLOR	