

PHOTOMETER COMPARISON TABLE

Photometer	Lumiso Chlorine	Lumiso Chlorine Dioxide	Lumiso Ozone	Lumiso Ammonia	Lumiso Chlorine and Turbidity	Lumiso Expert
PARAMETER						
Absorbance						•
Alkalinity, Total						•
Aluminium						•
Ammonia (Tablet Indophenol)				•		•
Ammonia/12N Tubetest Indophenol				•		•
Ammonia/15N Tubetest Nessler				•		•
Ammonia/50N Tubetest Indophenol				•		•
Ammonia/100N Tubetest Nessler				•		•
Ammonia/50N Tubetest Nessler				•		•
Bromine, Total						•
Bromine, Total (+ Cl ₂ , F,C & T)						•
Bromine, Total (Cl ₂ present)						•
Calcium Hardness						•
Calcium Hardness (Salt Pools)						•
Chloride						•
Chlorine Dioxide		•				•
Chlorine HR	•				•	•
Chlorine, F, C & T (Liquid)	•	•			•	•
Chlorine, F, C & T (Tablet)	•	•			•	•
Chlorine, Free	•	•			•	•
Chlorine, Free & Total (XF, XT)	•				•	•
Chlorine, Free (XF)	•				•	•
Chlorine, Total	•	•			•	•
Chromium (VI)						•
COD/1000						•
COD/150						•
COD/2000						•
COD/20000						•
COD/400						•
CODMn						•
Colour						•
Copper, Free						•
Copper, Free and Total						•
Cyanuric Acid						•
Fluoride						•
Hardness, Total						•

Photometer	Lumiso Chlorine	Lumiso Chlorine Dioxide	Lumiso Ozone	Lumiso Ammonia	Lumiso Chlorine and Turbidity	Lumiso Expert
PARAMETER						
Hydrogen Peroxide HR						•
Hydrogen Peroxide LR						•
Iron HR						•
Iron LR						•
Iron MR						•
Iron MR (Molybdate present)						•
Iron MR (Nitrite present)						•
Langelier Water Balance Index						•
Magnesium						•
Manganese HR						•
Manganese LR						•
Nickel						•
Nitrate						•
Nitrate/30N Tubetest						•
Nitrite						•
Ozone			•			•
Ozone (Cl ₂ or Br ₂ present)						•
Phosphate/12P Tubetest						•
Phosphate LR						•
pH-Phenol Red						•
Potassium						•
Salt HR						•
Salt LR						•
Sulfate						•
Total Nitrogen/30 Tubetest						•
Transmittance						•
Turbidity					•	•
Zinc						•
Zinc (copper present)						•

LUMISO REAGENTS

Description	Part code (AP) 250 Tablets	Part code (PM) 50 Tablets	Part code (PL) Tubetest	Part Code AT (Liquid)	Range
Absorbance					0-2.3 Abs
Acid Demand	AP188	PM188			
Alkalinity, Total	AP188	PM188			0-500 mg/L
Aluminium	AP166	PM166			0-0.5 mg/L
Ammonia (Tablet Indophenol)	AP152	PM152			0-1 mg/L
Ammonia/12N Tubetest Indophenol			PL400		0-12 mg/L
Ammonia/15N Tubetest Nessler			PL420		0-15 mg/L
Ammonia/50N Tubetest Indophenol			PL400		0-50 mg/L
Ammonia/100N Tubetest Nessler			PL425		0-100 mg/L
Ammonia/50N Tubetest Nessler			PL424		0-50 mg/L
Bromine, Total	AP060				0-10 mg/L
Bromine, Total (+ Cl ₂ , F.C & T)	AP060				0-10 mg/L
Bromine, Total (Cl ₂ present)	AP060				0-10 mg/L
Calcium Hardness	AP252	PM252			0-500 mg/L
Calcium Hardness (Salt Pools)	AP252	PM252			0-500 mg/L
Chloride	AP268	PM268			0-50 mg/L
Chloride	AP268	PM268			0-500 mg/L
Chlorine HR	AP162	PM162			0-250 mg/L
Chlorine, F, C & T (Liquid)				AT015 / AT035	0-5 mg/L

Description	Part code (AP) 250 Tablets	Part code (PM) 50 Tablets	Part code (PL) Tubetest	Part Code AT (Liquid)	Range
Chlorine, F, C & T (Tablet)	AP031	PM031			0-5 mg/L
Chlorine, Free	AP011	PM011			0-5 mg/L
Chlorine, Free & Total (XF, XT)	AP033	PM033			0-10 mg/L
Chlorine, Free (XF)	AP013	PM013			0-10 mg/L
Chlorine, Total	AP041	PM041			0-5 mg/L
Chromium (VI)	AP281	PM281			0-1 mg/L
COD/1000			PL453, PL463, PL468		0-1000 mg/L
COD/150			PL450, PL460, PL461		0-150 mg/L
COD/2000			PL454, PL464, PL465		0-2000 mg/L
COD/20000			PL456, PL466, PL467		0-20000 mg/L
COD/400			PL452, PL462		0-400 mg/L
COD Mn	AP295				0-10 mg/L
Colour		PM269			10-500 mg/L
Copper, Free	AP187				0-5 mg/L
Copper, Free and Total	AP186	PM186			0-5 mg/L
Cyanuric Acid	AP087	PM087			0-200 mg/L
Fluoride	AP179	PM179			0-1.5 mg/L
Hardness, Total	AP254	PM254			0-300 mg/L
Hydrogen Peroxide HR	AP105	PM105			0-100 mg/L
Hydrogen Peroxide LR	AP104	PM104			0-2 mg/L

LUMISO REAGENTS

Description	Part code (AP) 250 Tablets	Part code (PM) 50 Tablets	Part code (PL) Tubetest	Part Code AT (Liquid)	Range
Iron HR	AP156	PM156			0-10 mg/L
Iron LR	AP155	PM155			0-1 mg/L
Iron MR	AP292	PM292			0-5 mg/L
Iron MR (Molybdate present)	AP292	PM292			0-5 mg/L
Iron MR (Nitrite present)	AP292	PM292			0-5 mg/L
Langelier Water Balance Index	N/A	N/A			
Magnesium	AP193	PM193			0-50 mg/L
Manganese HR	AP174	PM174			0-5 mg/L
Manganese LR	AP173	PM173			0-0.03 mg/L
Nickel	AP284	PM284			0-10 mg/L
Nitrate	AP163	PM163			0-1 mg/L
Nitrate/30N Tubetest			PL404		0-30 mg/L
Nitrite	AP109	PM109			0-0.5 mg/L
Nitrite	AP260	PM260			0-1500 mg/L
Ozone	AP056	PM056			0-3 mg/L
Ozone (Cl ₂ or Br ₂ present)	AP056	PM056			0-2 mg/L
Phosphate/12P Tubetest			PL412		0-12 mg/L
Phosphate LR	AP177	PM177			0-1.3 mg/L
pH-Phenol Red	AP130	PM130			6.8 - 8.4
Potassium	AP189	PM189			0-12 mg/L

Description	Part code (PM) 250 Tablets	Part code (PM) 50 Tablets	Part code (PL) Tubetest	Part Code AT (Liquid)	Range
Salt LR	AP268	PM268			0-10000 mg/L
Salt HR	AP268	PM268			0-50000 mg/L
Sulfate	AP154	PM154			0-200 mg/L
Total Nitrogen/30 Tubetest			PL404		0-30 mg/L
Transmittance					0-100 %T
Turbidity HR		PM269			5-400 TU
Zinc	AP148	PM148			0-2 mg/L
Zinc (copper present)	AP148	PM148			0-2 mg/L

To find out more about Lumiso visit www.palintest.com/lumiso