



| P/N | Application | MDL | Linear Range | LED (CWL) | Excitation | Emission | Sol. Std. | 10x10 mm Cuvettes | 12 mm Vials |
|----------|---|-------------------------|----------------------------|-----------|------------|------------|-----------|------------------------|------------------------|
| 7200-067 | Ammonium | 0.05 µM | 0-50 µM | 365 nm | 350/80 nm | 410-450 nm | N/A | 7000-959 | 10-029A 7200-938 |
| 7200-069 | CDOM/FDOM | 0.1 ppb * | 0-1000 ppb * | 365 nm | 350/80 nm | 410-450 nm | N/A | 7000-959 | 10-029A 7200-938 |
| 7200-043 | Chlorophyll <i>in vivo</i> | 0.025 µg/L | 0-300 µg/L | 460 nm | 441/82 nm | 660-710 nm | 8000-952 | 7000-959 | 10-029A 7200-938 |
| 7200-063 | Crude Oil | 0.2 ppb * | 0-2000 ppb * | 365 nm | 350/80 nm | 410-600 nm | N/A | 7000-959 | 10-029A 7200-938 |
| 7200-048 | Fluorescein Dye Standard Range | 0.01 ppb | 0-200 ppb | 460 nm | 442/85 nm | 515-570 nm | 8000-951 | 7000-959 | 10-029A 7200-938 |
| | Fluorescein Dye Extended Range (Minicells Required) | 0.75 ppb**** | 0-8000 ppb**** | 460 nm | 442/85 nm | 515-570 nm | 8000-951 | ****N/A see note below | ****N/A see note below |
| 7200-049 | Histamine | 0.001 ppm 0.5 ppb*** | 0-100 ppm 0-2000 ppb*** | 365 nm | 350/80 nm | 410-490 nm | N/A | 7000-959 | 10-029A 7200-938 |
| 7200-030 | Hoechst 33258 for DNA Quantitation | 0.005 µg/mL | 0-2 µg/mL | 365 nm | 300-400 nm | 410-450 nm | N/A | 7000-959 | 10-029A 7200-938 |
| 7200-047 | Optical Brighteners for Wastewater Monitoring | 1 ppb * | 0-10,000 ppb * | 365 nm | 350/80 nm | 445/15 nm | N/A | 7000-959 | 10-029A 7200-938 |
| 7200-042 | Phycocerythrin <i>in vivo</i> | 0.3 ppb PE | 0-20,000 ppb PE | 530 nm | 400-550 nm | 610/60 nm | 8000-952 | 7000-959 | 10-029A 7200-938 |
| 7200-064 | PTSA | 0.1 ppb *** | > 10,000 ppb *** | 365 nm | 350/80 nm | 405/10 nm | N/A | 7000-959 | 10-029A 7200-938 |
| 7200-042 | Rhodamine Dye | 0.01 ppb | 0-500 ppb | 530 nm | 400-550 nm | 610/60 nm | 8000-952 | 7000-959 | 10-029A 7200-938 |
| 7200-060 | Turbidity | 0.05 NTU | 0-1000 NTU | IR LED | 850/50 nm | 850/50 nm | N/A | 7000-957 | 10-029A 7200-938 |

| P/N | Application | MDL | Linear Range | LED (CWL) | Excitation | Emission | Sol. Std. | 10x10 mm Cuvettes | 12 mm Vials |
|------------|---|-------------|-----------------|-----------|------------|------------|-----------|----------------------------------|---------------------|
| 7200-067-W | Ammonium | 0.05 µM | 0-50 µM | 365 nm | 350/80 nm | 410-450 nm | N/A | 7000-956 7000-955 7000-959 | 10-029A 7200-938 |
| 7200-069-W | CDOM/FDOM | 0.1 ppb * | 0-1000 ppb * | 365 nm | 350/80 nm | 410-450 nm | N/A | 7000-956 7000-955 7000-959 | 10-029A 7200-938 |
| 7200-040-W | Chlorophyll a Extracted - Acidification | 0.025 µg/L | 0-300 µg/L | 430 nm | ≤ 500 nm | ≥ 665 nm | 8000-952 | 7000-956 7000-955 | 10-029A 7200-938 |
| 7200-046-W | Chlorophyll a Extracted - Non-Acidification | 0.025 µg/L | 0-300 µg/L | 460 nm | 436/10 nm | 685/10 nm | 8000-952 | 7000-956 7000-955 | 10-029A 7200-938 |
| 7200-063-W | Crude Oil Extracted | 0.2 ppb * | 0-2000 ppb * | 365 nm | 350/80 nm | 410-600 nm | N/A | 7000-956 7000-955 | 10-029A 7200-938 |
| 7200-030-W | Hoechst 33258 for DNA Quantitation | 0.005 µg/mL | 0-2 µg/mL | 365 nm | 300-400 nm | 410-450 nm | N/A | 7000-956 7000-955 7000-959 | 10-029A 7200-938 |
| 7200-074 | Nitrate (Absorbance) | 0.04 mg/L | 0-14 mg/L | 600 nm | 540/10 nm | N/A | N/A | 7000-956 7000-955 7000-959 | 10-029A 7200-938 |
| 7200-047-W | Optical Brighteners for Wastewater Monitoring | 1 ppb * | 0-10,000 ppb * | 365 nm | 350/80 nm | 445/15 nm | N/A | 7000-956 7000-955 7000-959 | 10-029A 7200-938 |
| 7200-070 | Phosphate (Absorbance) | 1 µg/L | 0-930 µg/L | 850 nm | 880/10 nm | N/A | N/A | 7000-956 7000-955 7000-959 | 10-029A 7200-938 |
| 7200-044-W | Phycocyanin Extracted or <i>in vivo</i> | 2 ppb PC | 0-10,000ppb PC | 590 nm | 400-600 nm | 640/30 nm | 8000-952 | 7000-956 7000-955 | 10-029A 7200-938 |
| 7200-042-W | Phycoerythrin Extracted or <i>in vivo</i> | 0.3 ppb PE | 0-20,000 ppb PE | 530 nm | 400-550 nm | 610/60 nm | 8000-952 | 7000-956 7000-955 | 10-029A 7200-938 |
| 7200-042-W | Rhodamine Dye | 0.01 ppb | 0-500 ppb | 530 nm | 400-550 nm | 610/60 nm | 8000-952 | 7000-956 7000-955 7000-959 | 10-029A 7200-938 |
| 7200-062-W | Refined Fuels | 0.25 ppb ** | 0-6000 ppb ** | 285 nm | 289/10 nm | 340/25 nm | N/A | 7000-956 | N/A |
| 7200-072 | Silicate (Absorbance) | 3 µg/L | 0-3000 µg/L | 850 nm | 810/10 nm | N/A | N/A | 7000-956 7000-955 7000-959 | 10-029A 7200-938 |

7000-959 = Methacrylate 10x10 mm cuvettes

7000-955 = Glass 10x10 mm cuvettes

7000-956 = Quartz 10x10 mm cuvettes

10-029A = Glass 12x75 mm test tubes

7200-938 = Glass 12x35 mm screw top vials

***Quinine Sulfate**

****1,5-Naphthalene Disulfonic Disodium Salt**

*****Pyrene tetra sulfonic acid (PTSA)**

******Minicell Adapter P/N 8000-936 and Minicell P/N 7000-950 required.**

PC Phycocyanin pigment from Prozyme diluted in Deionized water

PE Phycoerythrin pigment from Prozyme diluted in Deionized water