



WATERBORNE™, INC.

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D101. DAPI

This product consists of a solution of DAPI (4,6-diamidino-2-phenylindole) prepared at 2mg/mL in methanol. The volume is 0.4 mL. This product is prepared as a 5000X stock solution. A 1X solution can be prepared by diluting 1 uL of DAPI in 5 mL PBS (phosphate-buffered saline solution, pH 7.4) or 10 uL diluted in 50 mL PBS. DAPI binds to DNA, fluorescing blue using a UV filter setting. Apply 50 uL of DAPI to the sample well, incubate for a minimum of 1 minute as described in US EPA Method 1623