

**910-3013 Solution 13 – AO•DAPI****1 ml**

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| <b>Contents</b>           | <p><b>Solution 13 - AO•DAPI (1 ml).</b></p> <p>The solution contains acridine orange (AO; 30 µg/ml ~ 81 µM ~ 0.003 %), 4',6-diamidino-2-phenylindole (DAPI; 100 µg/ml ~ 286 µM ~ 0.01 %) and sodium azide (NaN<sub>3</sub>; 0.1 mg/ml ~ 1.5 mM ~ 0.01 %).</p> <p>The EINECS no. for AO is 233-353-6.</p> <p>The EINECS no. for DAPI is 249-186-7.</p> <p>The EINECS no. for NaN<sub>3</sub> is 247-852-1.</p> |
| <b>Application</b>        | <p><b>Solution 13 - AO•DAPI</b> is used for the measurement of concentrations and viability of nucleated mammalian cells.</p>   |
| <b>Principle</b>          | <p><b>Solution 13 - AO•DAPI</b> contains two different dyes: AO staining all nucleated cells and DAPI staining non-viable cells only.</p>   |
| <b>Use</b>                | <p>The solution is for research purposes only and is not for diagnostic or therapeutic uses.</p>  |
| <b>Storage</b>            | <p>Store at 2-8°C.</p>  |
| <b>Stability</b>          | <p>Unopened microtubes can be stored until the expiry date indicated on the microtubes. The solution is produced 15 months prior to the expiry date.</p> <p>We recommend using the solution no later than the expiry date or two (2) months after opening the microtubes, whichever comes first.</p>  |
| <b>Safety information</b> | <p>In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If a spill is observed, perform a clean-up of the area which may have been in contact with the solution.</p> <p>Use gloves and suitable protective clothing.</p> <p>Please also refer to the safety data sheet (SDS) for safety information.</p>   |
| <b>Disposal</b>           | <p>After use, dispose of the microtube following national or local laws and regulations, according to the nature of its contents.</p>   |