

**910-3013 Solution 13 – AO•DAPI****1 ml****Contents****Solution 13 - AO•DAPI (1 ml).**

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 %).

The EINECS no. for AO is 233-353-6.

The EINECS no. for DAPI is 249-186-7.

The EINECS no. for NaN<sub>3</sub> is 247-852-1.

**Application**

**Solution 13 - AO•DAPI** is used for the measurement of concentrations and viability of nucleated mammalian cells.

**Principle**

**Solution 13 - AO•DAPI** contains two different dyes: AO staining all nucleated cells and DAPI staining non-viable cells only.

**Use**

The solution is for research purposes only and is not for diagnostic or therapeutic uses.

**Storage**

Store at 2-8°C.

**Stability**

Unopened microtubes can be stored until the expiry date indicated on the microtubes. The solution is produced 15 months prior to the expiry date.

We recommend using the solution no later than the expiry date or two (2) months after opening the microtubes, whichever comes first.

**Safety information**

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.

Use gloves and suitable protective clothing.

Please also refer to the safety data sheet (SDS) for safety information.

**Disposal**

After use, dispose of the microtube following national or local laws and regulations, according to the nature of its contents.