

## Certificate of Analysis

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**Product Name:** Cell Activation Cocktail 500X

**Catalog No.:** 5476

**Batch No.:** 5

### 1. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical Appearance:</b>	Colourless liquid
<b>Solubility:</b>	Soluble in ethanol (supplied pre-dissolved in 1ml ethanol)
<b>Storage:</b>	Store at -80°C

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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**Product Name:** Cell Activation Cocktail 500X

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**Description:**

Cell Activation Cocktail 500X contains the following compounds: Monensin sodium salt (1.5 mM), Phorbol 12-myristate 13-acetate (0.0405 mM) and Ionomycin calcium salt (0.67 mM). Cocktail is provided as 1 ml of 500X concentrate in ethanol.

**Physical and Chemical Properties:**

Physical Appearance: Colourless liquid

**Storage:** Store at -80°C

CAUTION - This product is light sensitive and we recommend that the solid material and any solutions obtained are protected from exposure to light.

**Solubility & Usage Info:**

Soluble in ethanol (supplied pre-dissolved in 1ml ethanol)

**Stability and Solubility Advice:**

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

**SOLIDS:** Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

**SOLUTIONS:** We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

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