

## Certificate of Analysis

[www.tocris.com](http://www.tocris.com)

**Product Name:** NucleoLIVE™ Blue Non-Toxic Dye

**Catalog No.:** 9011

**Batch No.:** 2

### 1. PHYSICAL AND CHEMICAL PROPERTIES

**Physical Appearance:** Colourless solution  
**Solubility:** Soluble in DMSO (supplied pre-dissolved in DMSO, 1000x)  
**Storage:** Store at -20°C

### 2. ANALYTICAL DATA

**HPLC:** Shows 99.5% purity

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

**bio-techne.com**  
info@bio-techne.com  
techsupport@bio-techne.com

**North America**  
Tel: (800) 343 7475

**China**  
info.cn@bio-techne.com  
Tel: +86 (21) 52380373

**Europe Middle East Africa**  
Tel: +44 (0)1235 529449

**Rest of World**  
[www.tocris.com/distributors](http://www.tocris.com/distributors)  
Tel:+1 612 379 2956

**Product Name:** NucleoLIVE™ Blue Non-Toxic Dye**Catalog No.:** 9011**Batch No.:** 2**Description:**

NucleoLIVE™ Blue Non-Toxic Dye is a ready-to-use fluorescent probe for long term high content nuclear imaging in live cells. NucleoLIVE™ Blue, is the same as the original NucleoLIVE™ Non-Toxic Dye (Red), but with different spectral properties, allowing compatibility with ChromaLIVE™ Non-Toxic Dye (Cat. No.8934). Ideal for long term 2D and 3D cell organoids high-content imaging and real-time cell viability assays. NucleoLIVE™ Blue Non-Toxic Dye facilitates cell counting to accurately quantify cell toxicity, viability, and morphology by fluorescence on the blue channel, and can be used to generate growth curves to ... Please see product specific page on [www.tocris.com](http://www.tocris.com) for full description.

**Physical and Chemical Properties:**

Physical Appearance: Colourless solution

**Minimum Purity:** ≥90%**Storage:** Store at -20°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 DMSO (supplied pre-dissolved in DMSO, 1000x)

**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. \*Unless contradicted by product-specific protocols or instructions, our standard recommendations apply:

**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.

**Licensing Information:**

Sold under license from Saguario Biosciences

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

**bio-techne.com**info@bio-techne.com  
techsupport@bio-techne.com**North America**

Tel: (800) 343 7475

**China**info.cn@bio-techne.com  
Tel: +86 (21) 52380373**Europe Middle East Africa**

Tel: +44 (0)1235 529449

**Rest of World**[www.tocris.com/distributors](http://www.tocris.com/distributors)  
Tel:+1 612 379 2956