

## Certificate of Analysis

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

**Product Name:** Tissue Clearing Pro Reagent 1

**Catalog No.:** 7563

**Batch No.:** 1

### 1. PHYSICAL AND CHEMICAL PROPERTIES

**Storage:** Store at RT

### 2. ANALYTICAL DATA

**Appearance:** clear, colourless liquid.

**Refractive Index:** 1.498

**Water:** 0.37%

**Maximum absorbance 450-750nm:** 0.05AU

**Maximum fluorescence emission 450-750nm :** 9IU

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

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Tel:+1 612 379 2956

**Product Name:** Tissue Clearing Pro Reagent 1

**Catalog No.:** 7563

**1**

**Description:**

Tissue Clearing Pro is a solvent-based tissue clearing technique, comparable to BABB and DISCO. It does not cause significant shrinkage or tissue damage and does not use as harsh a solvent as other solvent-based techniques. Tissue Clearing Pro Reagent 1 is part of our Tissue Clearing Pro kit (Cat. No. 7389) that can clear a whole mouse brain of up to 8 mm thickness in 24 hours; for sections with a thickness of 1 mm this can be achieved in 2 hours. For small tissues and thin brain slices (500 µm) that do not require permeabilization, only Tissue Clearing Pro Reagent 1 is required and tissues can be imaged in Tissue Clearing Pro Reagent 1.... Please see product specific page on [www.tocris.com](http://www.tocris.com) for full description.

**Physical and Chemical Properties:**

**Storage:** Store at RT

**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.

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