

Certificate of Analysis

www.tocris.com

Product Name: Tissue Clearing Pro Reagent 2

Catalog No.: 7564

Batch No.: 1

1. PHYSICAL AND CHEMICAL PROPERTIES

Storage: Store at RT

2. ANALYTICAL DATA

Appearance: clear, colourless liquid

Refractive index: 1.529

Water: 0.39%

Maximum absorbance 450-750nm: 0.07AU

Maximum fluorescence emission 450-750nm: 6IU

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

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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 2 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 (Cat. No. 7563) is required and tissues can be imaged in Tissue Clearin... Please see product specific page on 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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