

# Certificate of Analysis

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**Product Name:** Ponceau S Staining Solution

**Catalog No.:** 5225

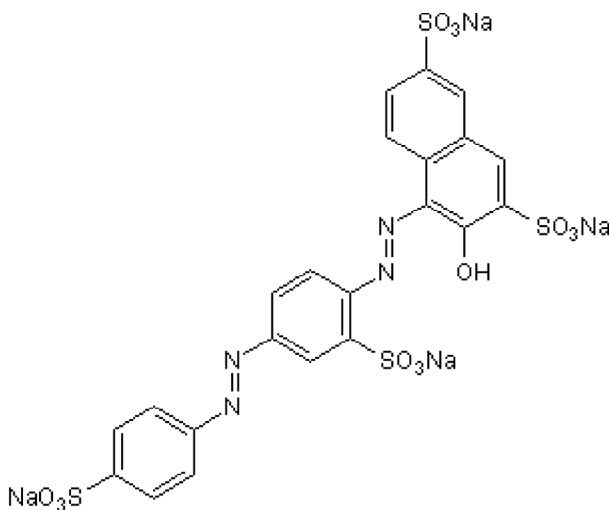
**Batch No.:** 17

**CAS Number:** 6226-79-5

**IUPAC Name:** 3-Hydroxy-4-[2-[2-sulfo-4-[2-(4-sulfophenyl)diazenyl]phenyl]diazenyl]-2,7-naphthalenedisulfonic acid tetrasodium salt

## 1. PHYSICAL AND CHEMICAL PROPERTIES

<b>Batch Molecular Formula:</b>	C <sub>22</sub> H <sub>12</sub> N <sub>4</sub> Na <sub>4</sub> O <sub>13</sub> S <sub>4</sub>
<b>Batch Molecular Weight:</b>	760.57
<b>Physical Appearance:</b>	Dark red liquid
<b>Solubility:</b>	Soluble in 5% acetic acid/water (supplied as a 0.1% w/v solution)
<b>Storage:</b>	Store at RT
<b>Batch Molecular Structure:</b>	



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

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IUPAC Name: 3-Hydroxy-4-[2-[2-sulfo-4-[2-(4-sulfophenyl)diazenyl]phenyl]diazenyl]-2,7-naphthalenedisulfonic acid tetrasodium salt

**Description:**

Ponceau S Staining Solution is a stain used to detect protein bands after Western blotting.

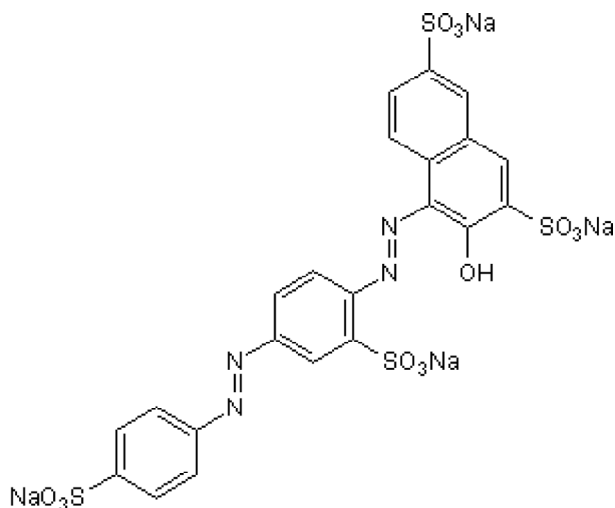
**Physical and Chemical Properties:**

Batch Molecular Formula: C<sub>22</sub>H<sub>12</sub>N<sub>4</sub>Na<sub>4</sub>O<sub>13</sub>S<sub>4</sub>

Batch Molecular Weight: 760.57

Physical Appearance: Dark red liquid

**Batch Molecular Structure:**



**Storage:** Store at RT

**Solubility & Usage Info:**

Soluble in 5% acetic acid/water (supplied as a 0.1% w/v solution)

**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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