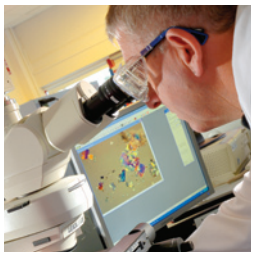
# ProClin® 150 Preservative
## for Diagnostic Reagents

Product Information



### Formulation

*These numbers do not constitute specifications*

- 5-Chloro-2-methyl-4-isothiazolin-3-one (RH-651)
- 2-Methyl-4-isothiazolin-3-one (RH-573)
- Magnesium chloride
- Magnesium nitrate
- Water

### Manufacturing Specifications

- **Appearance** clear, colorless to light yellow liquid, free of foreign matter
- **Color (APHA)** 100 maximum
- **pH** 1.7 - 3.7
- **Total Active Ingredients (%)** 1.460 - 1.540
  - Total A.I. Ratio RH-651 74.5 - 75.5
  - Magnesium nitrate (%) 21.0 - 23.5

### Physical Properties

*These numbers do not constitute specifications*

- **Density (lb./gal.)** 10.0
- **Specific Gravity** 1.2
- **Odor** Mild (aromatic)
- **Solubility in Water** n/a
- **Viscosity (23 °C)** 5 cps
- **Flash Point (SETA)** 120 °F (49 °C)
- **Evaporation Rate (Butyl acetate = 1)** < 1

### Typical Use Levels

- 0.05 - 0.10% (w/w) (0.05 - 0.10 mg ProClin 150 per 100 g of solution)

### Shelf Life (25 °C)

- 4 years from date of manufacture

### Ordering Information

| Description | Cat. No. |
|---|---|
| **ProClin 150 Methods Development Kit** | |
| 3 x 5 mL ampule (three different lots) | **48121** |
| **ProClin 150 Preservative** | |
| 50 mL bottle | **49376-U** |
| 400 mL bottle | **49377-U** |
| 3.6 L bottle | **49378-U** |
| 15 L pail | **49379-U** |
| 110 kg drum (91.7 L) | **49380-U** |
| **ProClin Reference Standard** | |
| 1 mL ampule (1.5% A.I. solution) | **33360-U** |

**SAFC Supply Solutions**
3050 Spruce St., Saint Louis, MO 63103
800-244-1173 (US Toll Free)
+1-314-534-4900 (International)
Global Email: safcglobal@sial.com

SAFC Supply Solutions™
Inspiring Science

SAFC®, SAFC Supply Solutions® and Sigma-Aldrich® are registered trademarks of Sigma-Aldrich Biotechnology L.P. and Sigma-Aldrich Co.
ProClin® is a registered trademark of Rohm and Haas Company.
© 2009 SAFC All rights reserved.

KVK
04762-508595
0059