

Product Information

ProClin® 150 Preservative for diagnostic reagents

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 g 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