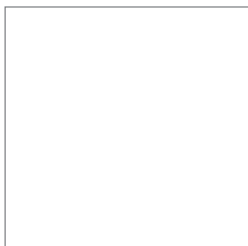


ProClin® 300 Preservative for Diagnostic Reagents

Product Information



Formulation

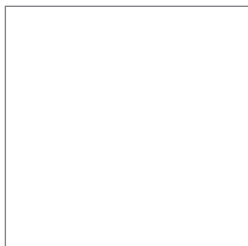
These numbers do not constitute specifications

- 5-Chloro-2-methyl-4-isothiazolin-3-one (RH-651)
- 2-Methyl-4-isothiazolin-3-one (RH-573)
- Proprietary glycol 93 - 95%
- Modified alkyl carboxylate 2 - 3%



Manufacturing Specifications

- **Appearance** clear, colorless to light yellow liquid, free of foreign matter
- **Color Gardner (VCS)** 3, maximum
- **Total Active Ingredients (%)**
3.00 - 3.60
 - 5-Chloro-2-methyl-4-isothiazolin-3-one 2.10 - 2.80
 - 2-Methyl-4-isothiazolin-3-one 0.60 - 1.00



Physical Properties

These numbers do not constitute specifications

- **Density (lb./gal.)** 8.59
- **Specific Gravity** 1.03
- **Odor** Mild (sweet)
- **Absorbance Maximum** 275 nm
- **Viscosity (25 °C)** 58 cps
- **Flash Point (SETA)** 120 °F (49 °C)
- **Evaporation Rate (Butyl acetate = 1)** < 1



Typical Use Levels

- 0.03 - 0.05% (w/w)
(0.03 - 0.05 mg ProClin 300 per 100 g of solution)

Shelf Life (25 °C)

- 3 years from date of manufacture

Ordering Information

Description	Cat. No.
ProClin 300 Methods Development Kit	
3 x 5 mL ampule (three different lots)	48911-U
ProClin 300 Preservative	
1 x 5 mL vial	48934-U
50 mL bottle	48912-U
400 mL bottle	48914-U
2.0 L bottle	48915-U
3.6 L bottle	48917-U
18 L pail	48918-U
110 kg drum (107.8 L)	48919-U
ProClin Reference Standard	
1 mL ampule (1.5% A.I. solution)	33360-U

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