## **HPLC Application**

ID No.: 25863



## Chloroquine Phosphate Tablet - USP Assay on Luna 5 µm C18(2) 150 x 4.6 mm

Column: Luna® 5 μm C18(2) 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID **Order No:** 00F-4252-E0 **Elution Type:** Isocratic

**Eluent A:** Methanol and Buffer (22:78) Buffer: 6.8 g/L of monobasic potassium phosphate in water.

Gradient Step No. Time (min) Pct A
Profile: 1 0 100

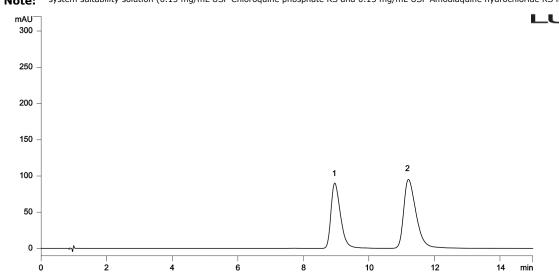
Flow Rate: 1.2 mL/min
Col. Temp.: 26 °C

**Detection:** LC/UV (DAD, PDA) @ 224.0000000000 nm (nanometers) (ambient)

Analyst Note: system suitability solution (0.15 mg/mL USP Chloroquine phosphate RS and 0.15 mg/mL USP Amodiaquine hydrochloride RS in water)



Products used in this application:



## **ANALYTES:**

1 Chloroquine Phosphate Retention Time: 8.62 min

2 Amodiaquine Hydrochloride

Retention Time: 10.724 min

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