HPLC Application

ID No.: **25863**

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

Products used in this application:

LUNA®

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. acid to ea

Gradient Profile:

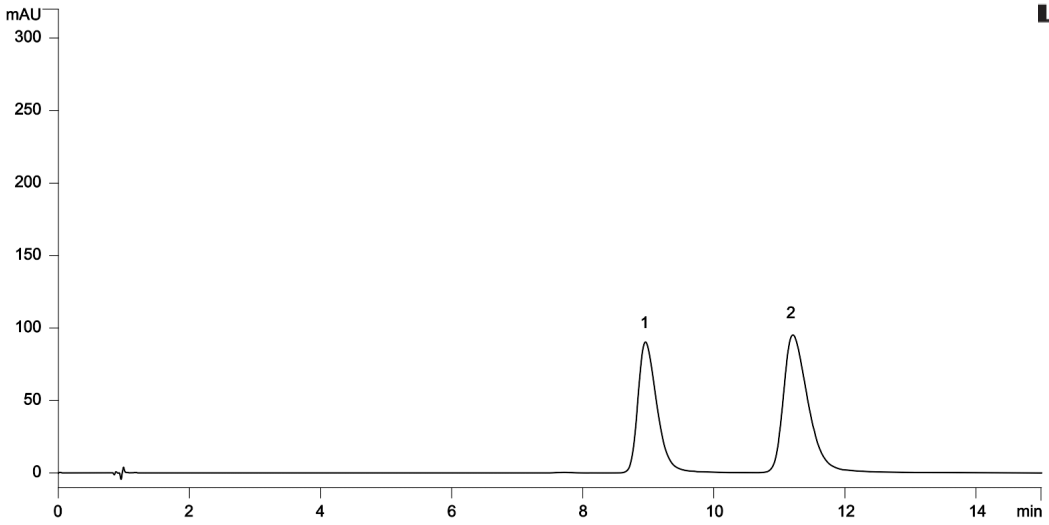
Step No.	Time (min)	Pct A
1	0	100

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)



ANALYTES:

1 Chloroquine Phosphate

Retention Time: 8.62 min

2 Amodiaquine Hydrochloride

Retention Time: 10.724 min

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