HPLC Application

ID No.: **25914**



Lopinavir & Ritonavir Tablets USP (COVID-19) Luna 5 μ m C8(2) 150 x 4.6 mm

Luna® 5 µm C8(2) 100 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID Order No: 00F-4249-E0 **Elution Type:** Gradient

(175:100:100:625) of ACN:MeOH:THF:Buffer (4.1 g/L of monobasic potassium phosphate Eluent A:

Gradient Time (min) Step No. Pct A **Profile:** 100 2 90 100

Flow Rate: 1.5 mL/min Col. Temp.: 40 °C

Detection: LC/UV (DAD, PDA) @ 215.0000000000 nm (nanometers) (ambient)

Buffer = 4.1 g Potassium Phosphate monobasic in 1 L of Water **Analyst Note:**

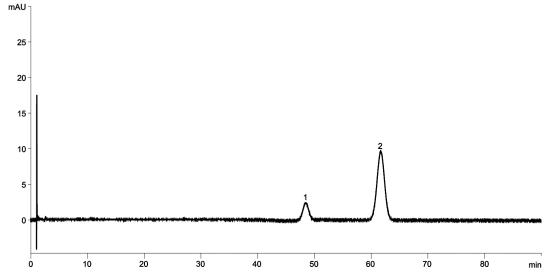
Solution A = 50:50 ACN:Buffer

Samples were dissolved and diluted in Solution A



Products used in this application:





ANALYTES:

Ritonavir

Retention Time: 48.275 min

2 Lopinavir

Retention Time: 61.697 min

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