

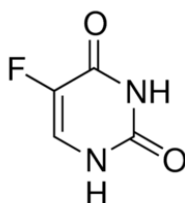
Fluorouracil Assay Analyzed with HPLC – AppNote

A Reliable Method for a Chemotherapeutic Drug

This Fluorouracil Assay is easily performed and demonstrates Run to Run consistency and Precision with Retention Time RSD values below 0.1%. This Method shows reliability for analysis of this Pyrimidine Analog that is an anti-neoplastic anti-metabolite.



Peak:



Fluorouracil

Method Conditions:

Column: Cogent RP C18™, 5um, 100Å

Catalog No.: [68518-25P](#)

Dimensions: 4.6mm x 250mm

Mobile Phase: (5:95) Methanol / Buffer

Buffer: 0.73g / L of Monobasic Sodium Phosphate and 1.4g / L of Dibasic Sodium Phosphate in Water.

Injection vol.: 20µL

Flow rate: 1.0mL / minute

Detection: UV @ 254nm

Sample Preparation: Fluorouracil 1.0mg / mL in DI Water

Note: Fluorouracil is a Pyrimidine Analog used to treat Basal Cell Carcinomas, and as an injection in palliative Cancer treatment.

This Method was developed by and is presented courtesy of [ARL- Eutech Scientific Services, Inc.](#)



Printed from the Chrom Resource Center
MicroSolv Technology Corporation
9158 Industrial Blvd. NE, Leland, NC 28451
tel. (732) 380-8900, fax (910) 769-9435
Email: customers@mtc-usa.com
Website: www.mtc-usa.com
Date: 06-05-2024