

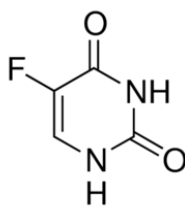
## Fluorouracil Assay Analyzed with HPLC – AppNote

### 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.](#)



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