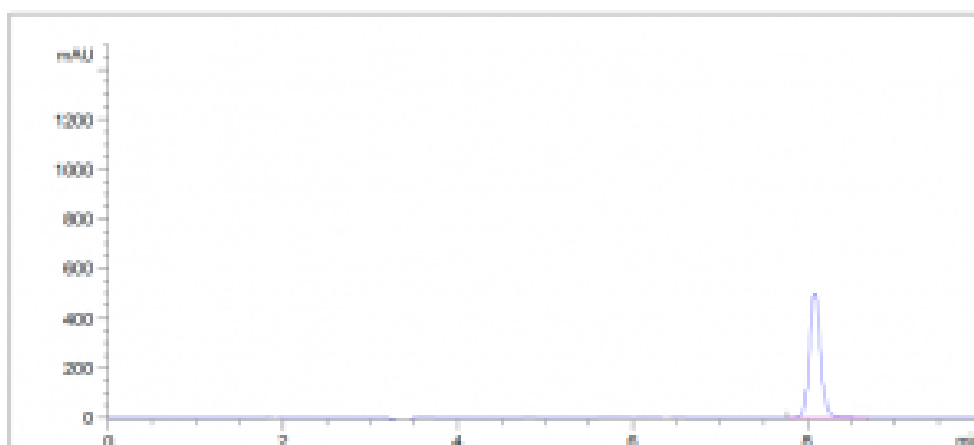


## Ifosfamide Assay Analyzed with HPLC – AppNote

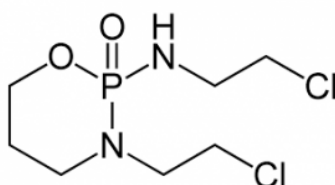
### A Reliable Method for an Antineoplastic Chemotherapeutic Drug

This Ifosfamide Assay is easily performed and demonstrates Run to Run consistency and Precision with Retention Time RSD values below 0.8%. This Method shows reliability for analysis of this Pyrimidine analog that is an antineoplastic anti-metabolite.



**Peak:**

Ifosfamide



### Method Conditions:

**Column:** Cogent RP C18™, 5um, 100Å

**Catalog No.:** [68518-30P-3.9](#)

**Dimensions:** 3.9mm x 300mm

**Mobile Phase:** (70:30) Water / Acetonitrile

**Injection vol.:** 25µL

**Flow rate:** 1.0mL / minute

**Detection:** UV @ 195nm

**Sample Preparation:** Ifosfamide 0.6mg / mL in DI Water

---

**Note:** Ifosfamide is an Alkylating and immunosuppressive agent used in Chemotherapy for the treatment of Cancers, including Testicular Cancer, Ovarian Cancer, Cervical Cancer, Osteocarcinoma, Bladder Cancer, and non-Hodgkin's

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



Printed from the Chrom Resource Center  
Copyright 2025, All Rights Apply  
**MicroSolv Technology Corporation**  
9158 Industrial Blvd. NE, Leland, NC 28451

Tel: (732) 380-8900  
Fax: (910) 769-9435  
Email: [customers@mtc-usa.com](mailto:customers@mtc-usa.com)  
Website: [www.mtc-usa.com](http://www.mtc-usa.com)