

## 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 Lymphoma.

This Method was developed by and is presented courtesy of **ARL- Eutech Scientific Services, Inc.**



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