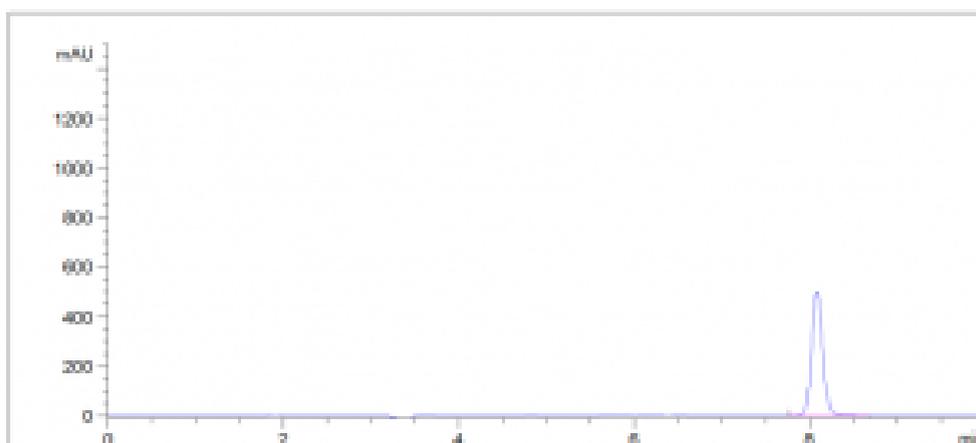


Ifosfamide Assay Analyzed with HPLC – AppNote

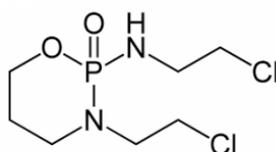
A Reliable Method for an Antineoplastic Chemotherapeutic Drug

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™, 5 µm, 100Å

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

Dimensions: 3.9 x 300 mm

Mobile Phase: (70:30) Water / Acetonitrile

Injection vol.: 25µL

Flow rate: 1.0 mL / minute

Detection: UV @ 195 nm

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

Website: www.mtc-usa.com