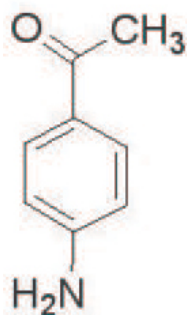
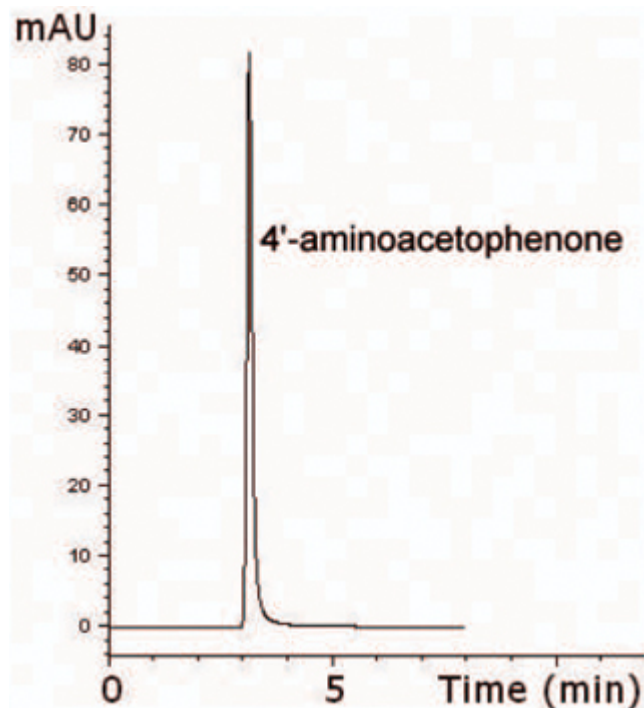


## 4'-Aminoacetophenone Analysis with HPLC - AppNote

### 4'-Aminoacetophenone Retained in Acidic Conditions

This Method investigated 4'-Acetaminophenone Retention and Analysis. Adequate Retention and Sensitivity was the result and could be useful in Analysis of the Metabolites of this class of Anti-tumor Agents in body fluids (Plasma or Urine) during or after Chemotherapy.



#### Peak:

4'-Aminoacetophenone

### Method Conditions

**Column:** Cogent Bidentate C18™, 4µm, 100Å

**Catalog No.:** 40018-75P

**Dimensions:** 4.6 x 75mm

#### Mobile Phase:

*Isocratic:* 80:20 Solvent A / Solvent B

A: DI Water / 0.2% Acetic Acid

B: Acetonitrile / 0.2% Acetic Acid

**Injection vol.:** 2 $\mu$ L

**Flow rate:** 1.0mL / minute

**Detection:** UV @ 324nm

**Sample Preparation:** 1mg of the Compound dissolved in 1mL of 50:50 Solvent A / Solvent B solution.

*Sample for Injection* diluted 1:15 with 100% Solvent A.

**Note:** 4'-Aminoacetophenone (arylamine) is one of the metabolites of 1-(4-Acetylphenyl)-3,3-Dimethyltriazene, which is an anti-tumour Triazene. 4'-Acetaminophenone is also frequently used as an internal standard in analysis of Mitomycin C.



## Attachment

**No 66 4'-Aminoacetophenone Analysis with HPLC pdf** 0.2 Mb [Download File](#)

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](mailto:customers@mtc-usa.com)

Website: [www.mtc-usa.com](http://www.mtc-usa.com)

Date: 07-22-2024