

# High Performance Liquid Chromatography

## Analysis Information

**Product Name:** Methotrexate

**Operator:** David

**Injection Date:** 4/27/2020 5:39:10 PM

**Batch No.:** 2

## HPLC Condition

**Column :** ZORBAX Eclipse Pluse C18 3.5 $\mu$ m 4.6mmx100mm

**Solvent A:** H2O+0.1%TFA

**Solvent B:** ACN+0.1%TFA

**Gradient:**

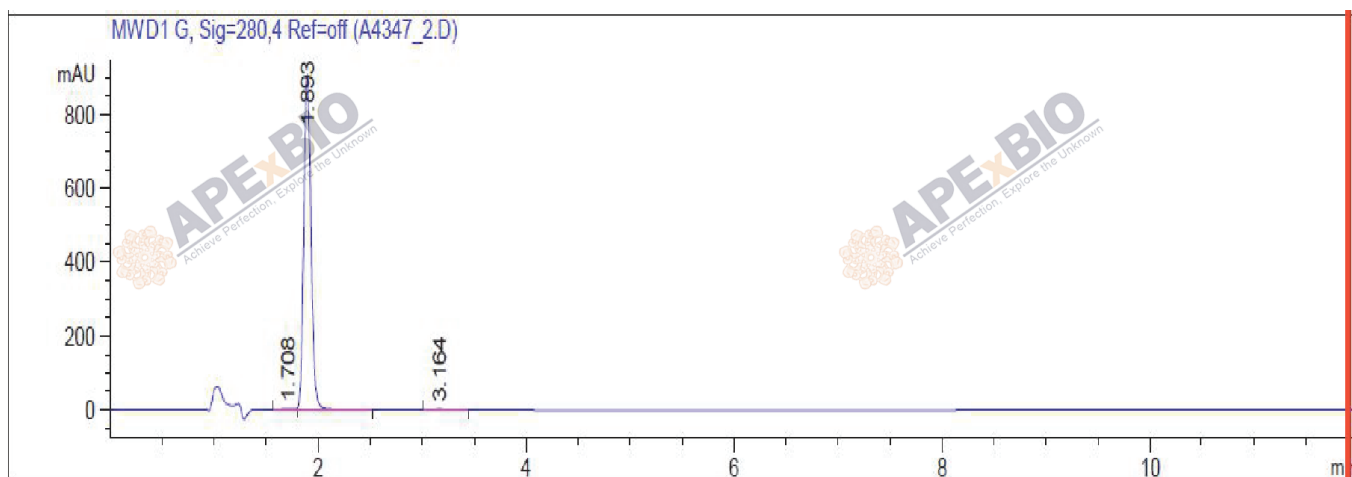
| Time     | A    | B    |
|----------|------|------|
| 0.0min   | 80%  | 20%  |
| 2.0min   | 80%  | 20%  |
| 7.0min   | 5%   | 95%  |
| 10.00min | 0%   | 100% |
| 12.00min | 0%   | 100% |
| 15.00min | Stop | Stop |

**Flow rate:** 1mL/min

**Wavelength:** 280nm

**Volume:** 5 $\mu$ l

## Result



| Rank | RetTime(min) | Area(mAU*s) | Area %  |
|------|--------------|-------------|---------|
| 1    | 1.708        | 23.75229    | 0.5375  |
| 2    | 1.893        | 4379.39893  | 99.1097 |
| 3    | 3.164        | 15.58723    | 0.3528  |

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

**APExBIO Technology**

**[www.apexbt.com](http://www.apexbt.com)**

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: [info@apexbt.com](mailto:info@apexbt.com)