

# High Performance Liquid Chromatography

## Analysis Information

**Product Name:** D-Luciferin (potassium salt)

**Operator:** David

**Injection Date:** 5/28/2019 2:38:50 PM

**Batch No.:** 4

## HPLC Condition

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

**Solvent A:** H2O+1‰ TFA

**Solvent B:** ACN+1‰ TFA

**Gradient:**

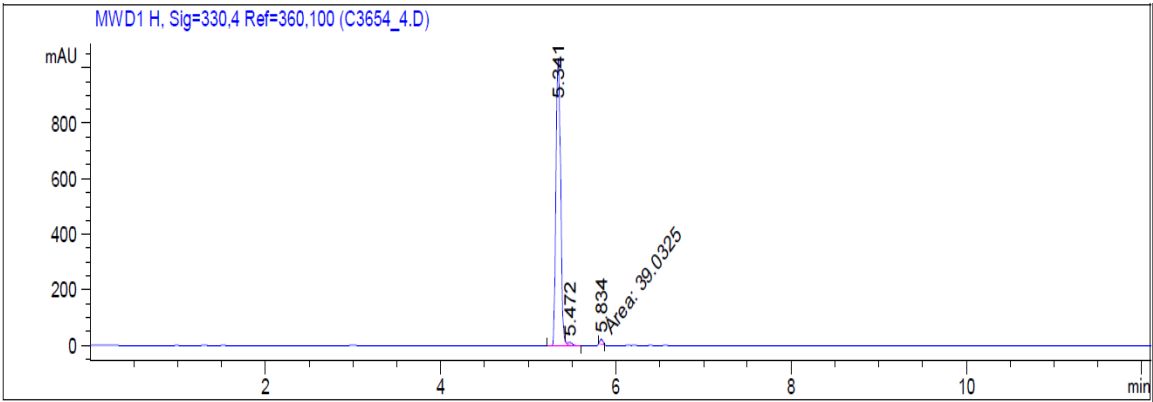
| Time    | A    | B    |
|---------|------|------|
| 0.0min  | 80%  | 20%  |
| 2.0min  | 80%  | 20%  |
| 7.0min  | 5%   | 95%  |
| 10.0min | 0%   | 100% |
| 12.0min | 0%   | 100% |
| 12.1min | 80%  | 20%  |
| 15.0min | Stop | Stop |

**Flow rate:** 1ml/min

**Wavelength:** 330nm

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

Result



| Rank | RetTime(min) | Area(mAU*s) | Area %  |
|------|--------------|-------------|---------|
| 1    | 5.341        | 3883.78174  | 98.0129 |
| 2    | 5.472        | 39.70602    | 1.0020  |
| 3    | 5.834        | 39.03250    | 0.9850  |

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

APExBIO Technology

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