

# High Performance Liquid Chromatography

## Analysis Information

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

**Operator:** David

**Injection Date:** 08/20/2024 12:50:07 PM

**Batch No.:** 15

## 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:**

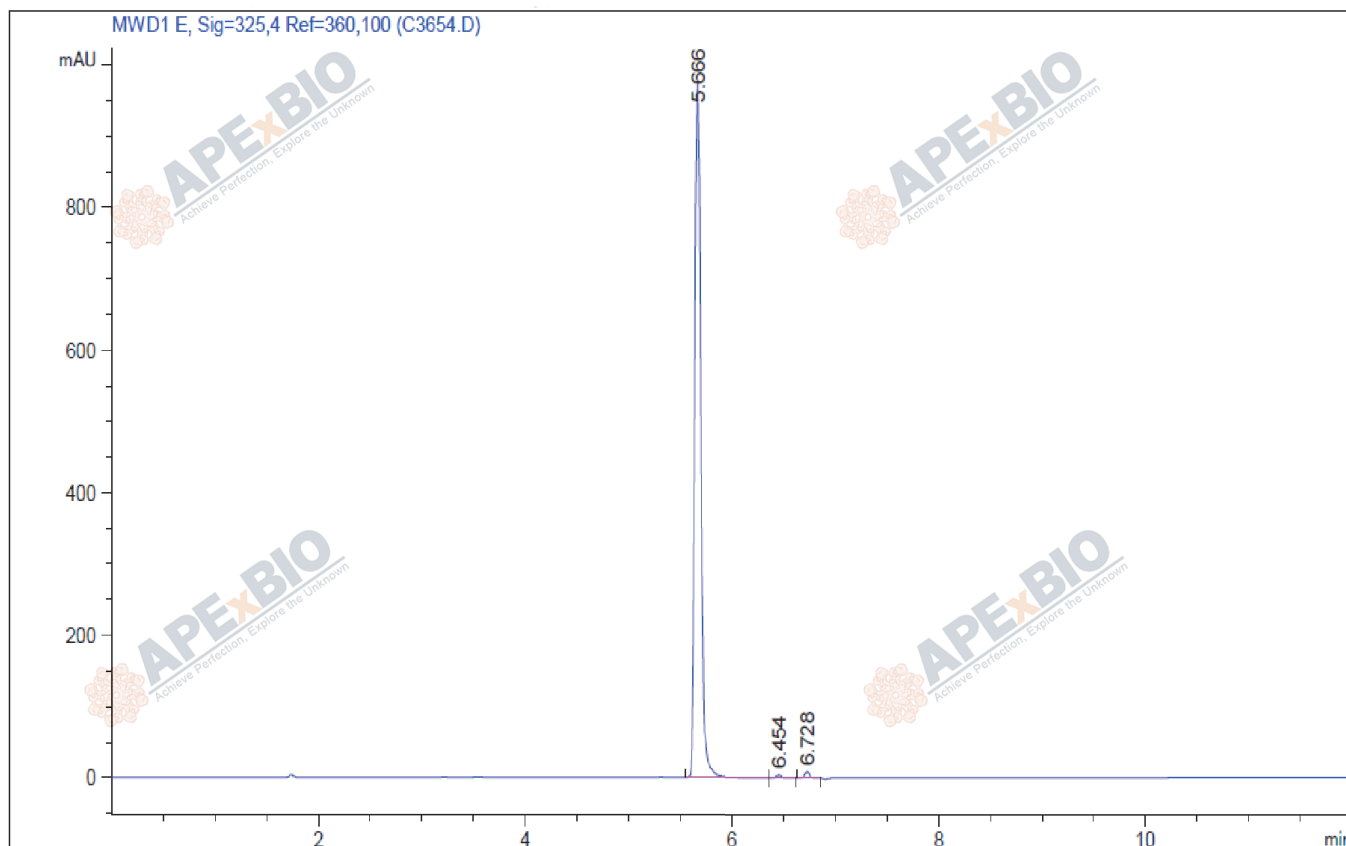
| Time    | A    | B    |
|---------|------|------|
| 0.0min  | 80%  | 20%  |
| 2.0min  | 80%  | 20%  |
| 7.0min  | 5%   | 95%  |
| 10.0min | 0%   | 100% |
| 12.0min | 0%   | 100% |
| 15.0min | Stop | Stop |

**Flow rate:** 1ml/min

**Wavelength:** 325nm

**Volume:** 2 $\mu$ l

## Result



| Rank | RetTime(min) | Area(mAU*s) | Area %  |
|------|--------------|-------------|---------|
| 1    | 5.666        | 4020.01685  | 98.9400 |
| 2    | 6.454        | 13.80463    | 0.3398  |
| 3    | 6.728        | 29.26493    | 0.7203  |

## Caution

**FOR RESEARCH PURPOSES ONLY.**

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

**APExBIO Technology**

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