

# High Performance Liquid Chromatography

## Analysis Information

**Product Name:** Dexmedetomidine HCl

**Operator:** David

**Injection Date:** 10/12/2021 12:08:27 PM

**Batch No.:** 3

## HPLC Condition

**Column :** Athena C18, 3  $\mu$ m, 2.1mm  $\times$  100 mm

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

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

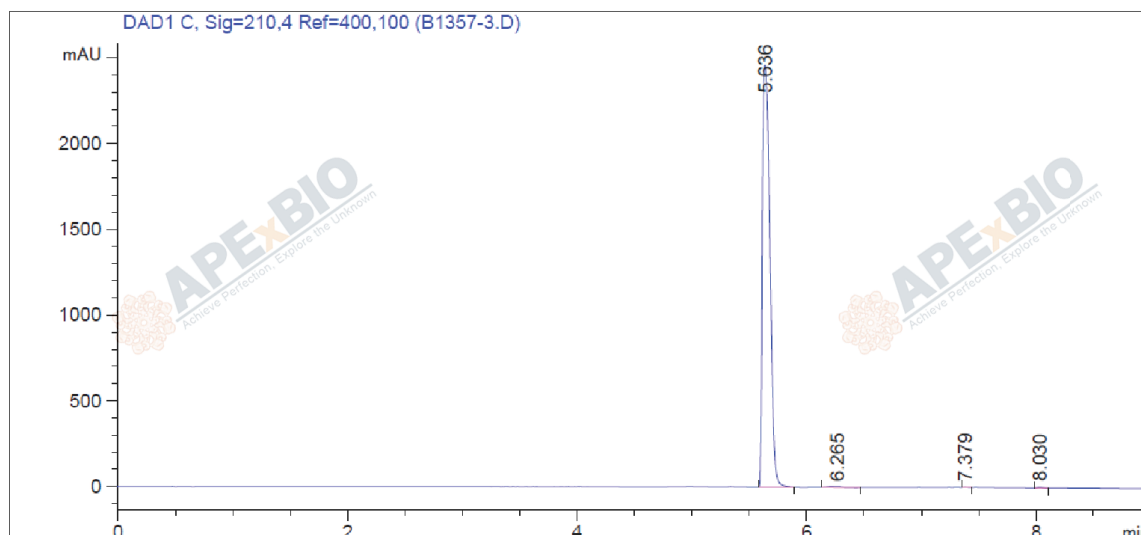
**Gradient:**

| Time   | A    | B    |
|--------|------|------|
| 0.0min | 0%   | 100% |
| 1.5min | 0%   | 100% |
| 6.0min | 95%  | 5%   |
| 9.0min | 95%  | 5%   |
| 9.0min | Stop | Stop |

**Flow rate:** 0.46ml/min

**Wavelength:** 210nm

**Volume:** 3 $\mu$ l



| Rank | RetTime(min) | Area(mAU*s) | Area %  |
|------|--------------|-------------|---------|
| 1    | 5.636        | 1.13469e4   | 99.4642 |
| 2    | 6.265        | 39.75960    | 0.3485  |
| 3    | 7.379        | 5.05990     | 0.0444  |
| 4    | 8.030        | 16.30323    | 0.1429  |

## Caution

**FOR RESEARCH PURPOSES ONLY.**

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

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