

# High Performance Liquid Chromatography

## Analysis Information

**Product Name:** Doxycycline hyclate  
**Operator:** David  
**Injection Date:** 9/19/2019 3:48:45 PM  
**Batch No.:** 3

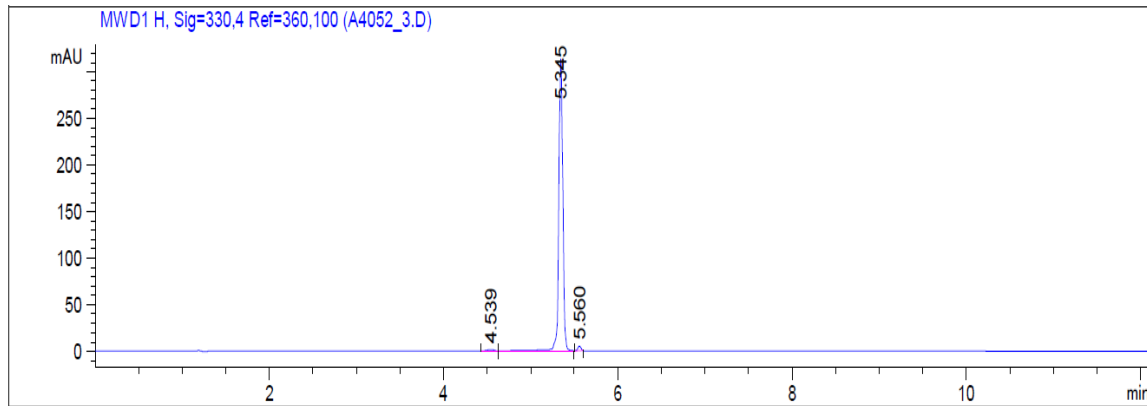
## HPLC Condition

**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	4.539	8.07076	0.7687
2	5.345	1029.39233	98.0466
3	5.560	12.43801	1.1847

## Caution

**FOR RESEARCH PURPOSES ONLY.**

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

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