

High Performance Liquid Chromatography

Analysis Information

Product Name: Doxycycline hyclate

Operator: David

Injection Date: 6/16/2020 3:17:26 PM

Batch No.: 4

HPLC Condition

Column : ZORBAX Eclipse Pluse C18 3.5 μ m 4.6mmx100mm

Solvent A: H2O+0.1%TFA

Solvent B: ACN+0.1%TFA

Gradient:

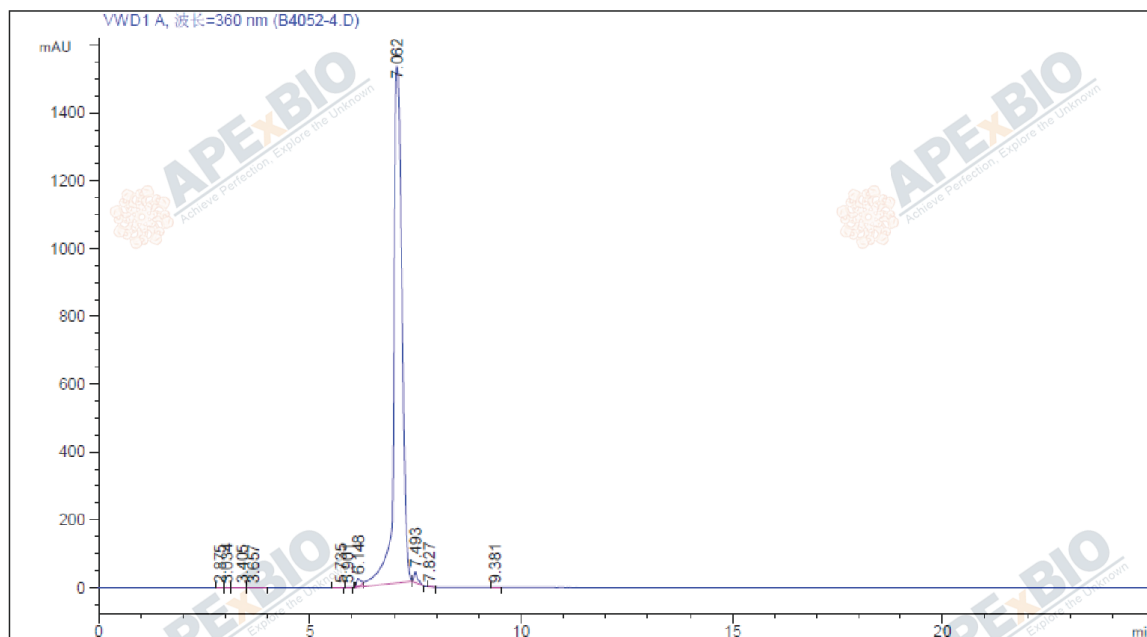
Time	A	B
0.0min	80%	20%
2.0min	80%	20%
7.0min	5%	95%
10.0min	0%	100%
12.0min	0%	100%
15.0min	Stop	Stop

Flow rate: 1ml/min

Wavelength: 360nm

Volume: 5 μ l

Result



Rank	RetTime(min)	Area(mAU*s)	Area %
1	2.875	1.33216	6.298e-3
2	3.034	2.67643	0.0127
3	3.405	3.28426	0.0155
4	3.657	2.86145	0.0135
5	5.735	1.46000	6.903e-3
6	5.901	3.09326	0.0146
7	6.148	142.42181	0.6733
8	7.062	2.08044e4	98.3588
9	7.493	183.69849	0.8685
10	7.827	4.92437	0.0233
11	9.381	1.39044	6.574e-3

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

APEx BIO 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