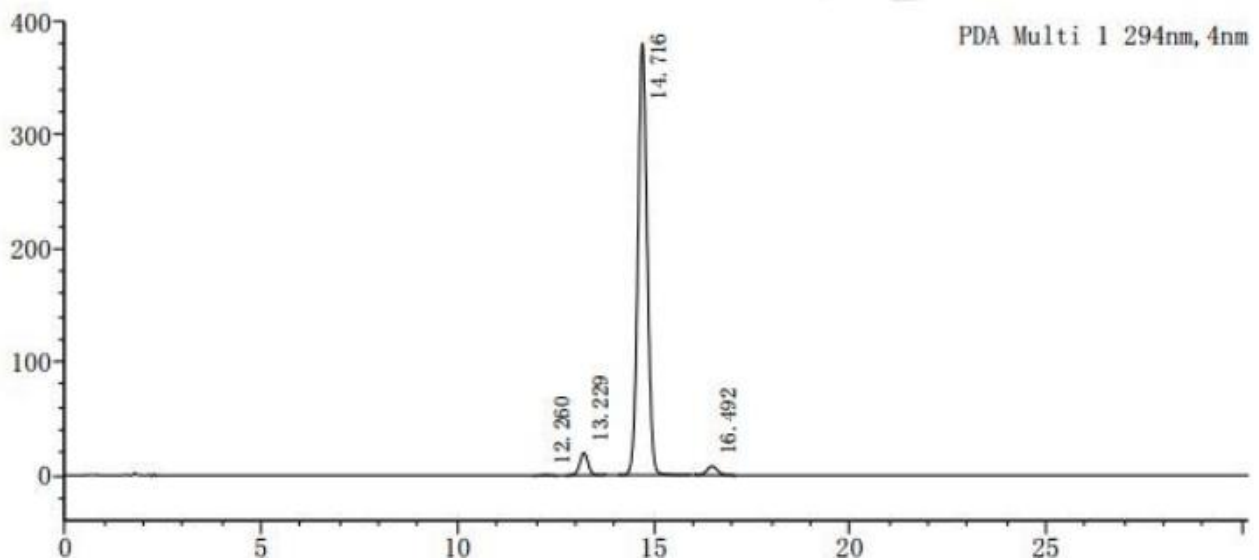


Determination of Ofloxacin by Ultisil XB-C18

Method:

Column	Ultisil® XB-C18 (4.6×150mm, 3µm)
Mobile Phase	Ammonium acetate and sodium perchlorate solution: take 4.0g ammonium acetate and 7.0g sodium perchlorate, add 1300mL
	Wahaha dissolves it, adjusts the pH to 2.2 with phosphoric acid, shakes well, and ultrasonically degass. Ammonium acetate sodium perchlorate solution/acetonitrile = 85/15
Detection	294nm
Temperature	30°C
Flow Rate	1.0 ml/min
Injection Volume	10 µL
Note	/

Chromatogram and Data:



Unless otherwise stated, the results shown in this test report refer only to this sample tested. The report can not be copied without the permission of Welch Materials, Inc.

Retention time/min	Area	Height	Number of plates	Tailing factor	Degree of separation (USP)
12.260	7974	568	16864	1.002	—
13.229	287879	19742	18206	0.972	2.516
14.716	6237041	380963	18154	1.048	3.587
16.492	145277	7844	17796	1.050	3.814

Conclusion:

Welch Ultisil® XB-C18 (4.6×150mm, 3µm) was used for determination under this chromatographic condition, which could meet the detection requirements.

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