

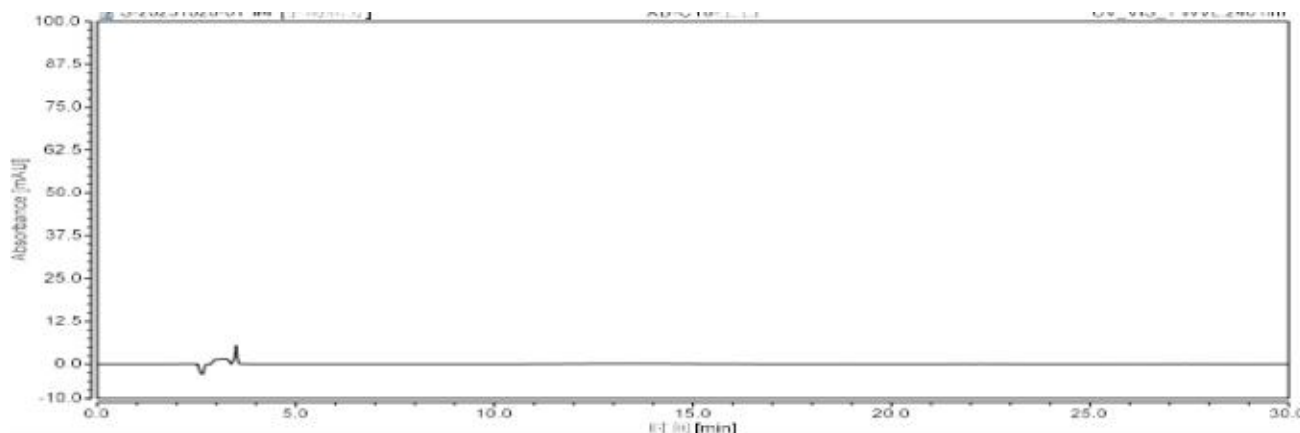
## Test Report

### Chromatography conditions:

<b>Column</b>	Ultisil XB-C18 (4.6×250mm,5μm)		
<b>Mobile Phase</b>	Acetonitrile: water: triethylamine = 200:799:1 (glacial acetic acid adjusts pH to 5.9)		
<b>Column Temperature</b>	30 °C		
<b>Detection wavelength:</b>	240nm		
<b>Flow Rate</b>	1 ml/min		
<b>Injection Volume</b>	10 μ L		
<b>Detector</b>	UV		
<b>Elution procedure</b>	Time (min)	Mobile PhaseA(%)	Mobile Phase B (%)
	0	100	0
	35	100	0
<b>Note</b>	/		

### Chromatogram and Data:

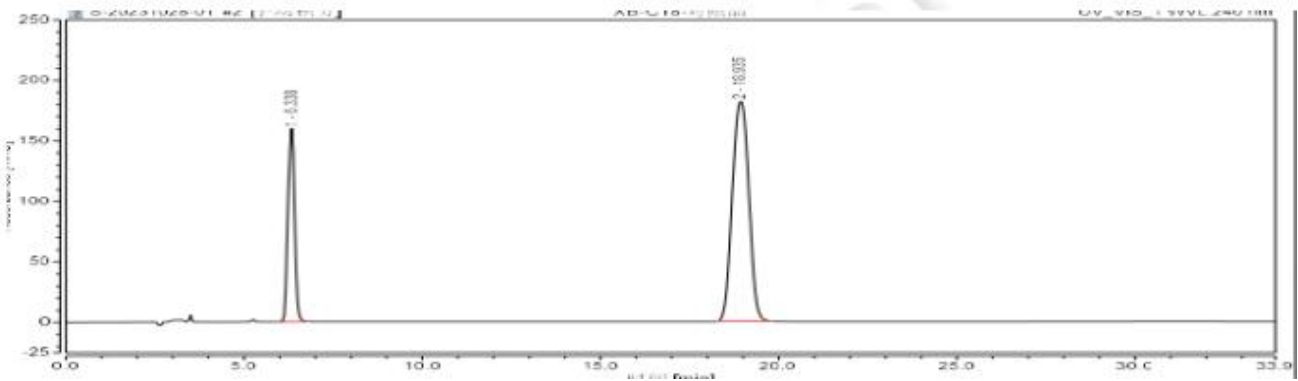
#### (1) Blank solution detection chart



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.

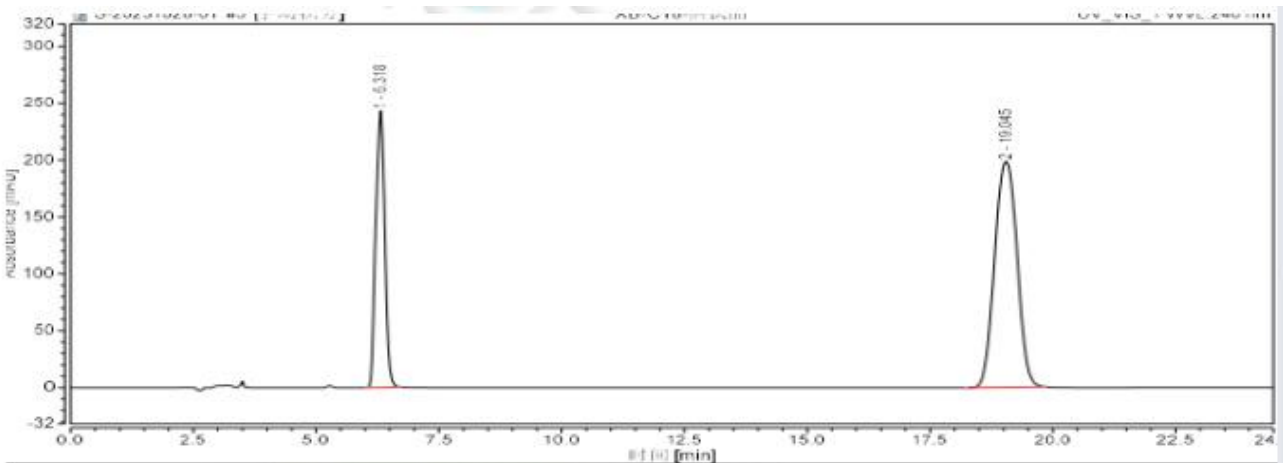
Peak Name	Retention time [min]	Peak area [mAU*min]	Peak height (mAU)	relative peak area%	Resolution (EP)	Number of plates (EP)	2
		0.000		0.00	0.00		

**(2) Detection chart of reference solution**



Peak Name	Retention time [min]	Peak area [mAU*min]	Peak height (mAU)	relative peak area%	Resolution (EP)	Number of plates (EP)	Asymmetry
	6.338	34.663	159.577	26.23	20.35	4941	0.98
	16.935	97.510	181.954	73.77	N. a.	7396	1.02

**(3) Detection chart of test solution**



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Peak Name	Retention time [min]	Peak area [mAU*min ]	Peak height (mAU)	relative peak area%	Resolution (EP)	Number of plates (EP)	Asymmetry
	6.318	51.615	243.121	33.00	20.98	5175	1.02
	19.045	104.808	198.466	67.00	N. a.	7750	1.03

**Conclusion:**

**Using Welch Ultisil® XB-C18 (4.6×250mm, 5µm) under these chromatographic conditions, the theoretical plate number data meets customer detection requirements.**

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