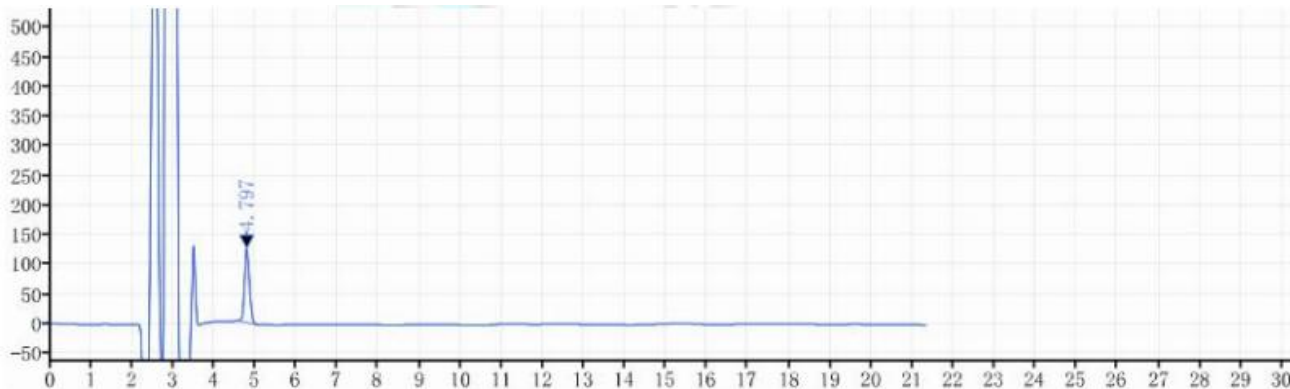


**Determination of 1-ethyl-(3-dimethylaminopropyl) carbodiimide hydrochloride laboratory  
report by Ultimate LP-C18**

**Method:**

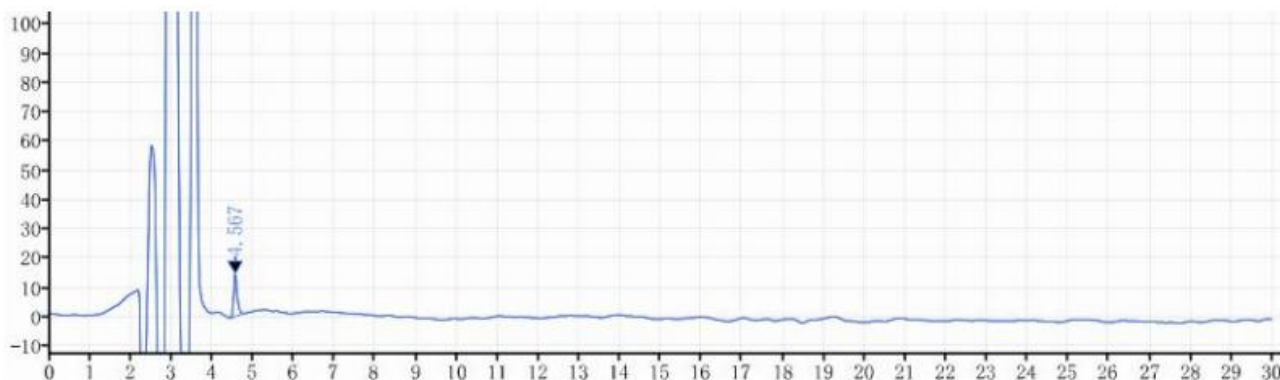
<b>Column</b>	Ultisil® LP-C18 (4.6*250 mm,5 µm)
<b>Mobile Phase</b>	Acetonitrile: 0.3% heptafluorobutyric acid solution = 50:50
<b>Detection</b>	214nm
<b>Temperature</b>	30°C
<b>Flow Rate</b>	1.0 ml/min
<b>Injection Volume</b>	40 µL
<b>Note</b>	/

**Chromatogram and Data:**

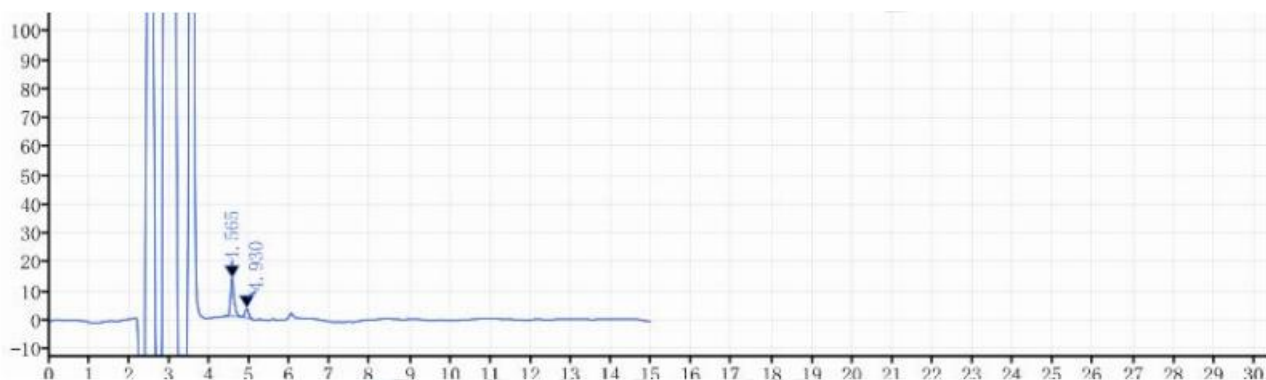


Retention time/min	Tailing factor	Area	Height	Degree of separation (USP)	Number of plates
4.797	1.11187	1038.66	125.09	n.a.	7761.67136

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	Tailing factor	Area	Height	Degree of separation (USP)	Number of plates
4.567	1.81493	89.01	14.51	n.a.	14184.31462



Retention time/min	Tailing factor	Area	Height	Degree of separation (USP)	Number of plates
4.565	1.28828	79.49	13.18	n.a.	14300.63110
4.930	0.72920	20.79	3.26	2.21652	12604.63810

**Conclusion:**

Use Welch Ultisil® LP-C18 (4.6\*250 mm, 5 µm) column to meet the detection needs.

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.