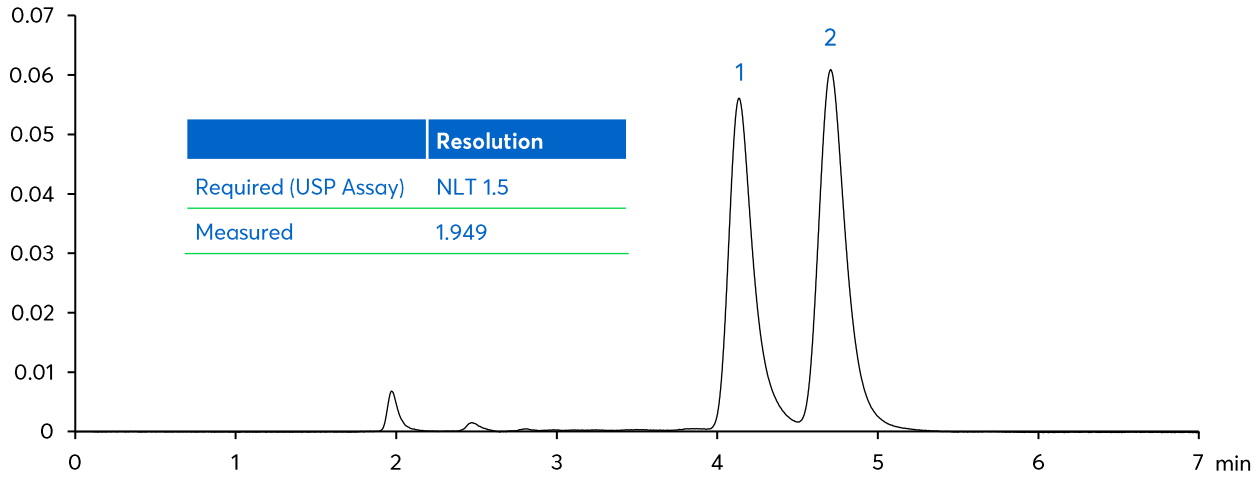
Chromatography Solutions

Application note #C-13127

USP Assay Method for Vigabatrin Tablets

1. Vigabatrin Related Compound A (RT 4.138 min)
2. Vigabatrin (RT 4.709 min)



	Resolution
Required (USP Assay)	NLT 1.5
Measured	1.949

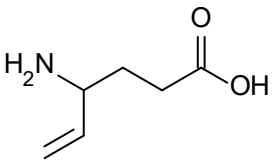
Avantor®

Method Details

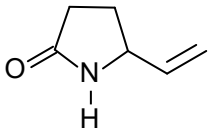
CONDITIONS

Column:	Avantor® Partisil 10 SCX
Particle Size:	10 µm
Dimensions:	250 x 4.6 mm
Buffer:	3.4 g/L monobasic potassium phosphate in H_2O
Mobile Phase:	MeCN/MeOH/Buffer (4:40:1000 v/v/v). Adjust with phosphoric acid to pH 2.8.
Flow Rate:	1.5 mL/min
Injection:	50 µL
Temperature:	25 °C
Detection:	UV, 210 nm
Sample:	System Suitability Solution: 1.0 mg/mL USP Vigabatrin RS and 12 µg/mL USP Vigabatrin Related Compound A RS in mobile phase
Method:	USP

Always check the latest and official method information from the relevant pharmacopoeia prior to analysis.



Vigabatrin



USP Vigabatrin Related Compound A

ORDERING TABLE

Product	Details	Size	Part Number
Avantor® Partisil 10 SCX	HPLC Column	250 x 4.6 mm	4227-001

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