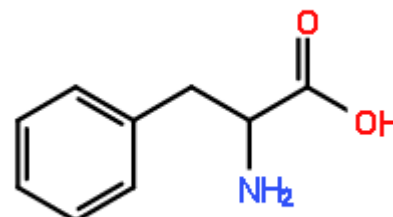


## APPLICATION RESULTS

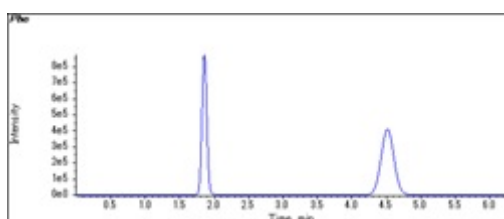
## COMPOUND IDENTIFICATION

Compound Name

DL-Phenylalanine



## CHROMATOGRAM



## ANALYTICAL REPORT

Column Trade Name Column Size (Particle Size)	CROWNPAK <sup>®</sup> CR-I(+) 3 x 150 mm (5 μm)		
Mobile Phase Composition	acetonitrile / water / trifluoroacetic acid = 96 / 4 / 0.5		
Chromatographic Mode	HILIC		
Flow rate (mL/min)	0.4	Temperature (°C)	30
Injection Volume (μL)		Sample Concentration	
Detection	LC-MS		
Elution Order			

No.	Rt	K'	Alpha Value	Resolution
1	1.9		1 - 2	10.82
2	4.5			

## Comment

This data was provided by Professor Fukusaki of Osaka University.

References ;

Extra-facile chiral separation of amino acid enantiomers by LC-TOFMS analysis

Yutaka Konya, Takeshi Bamba, Eiichiro Fukusaki

Volume 121, Issue 3, March 2016, Pages 349-353