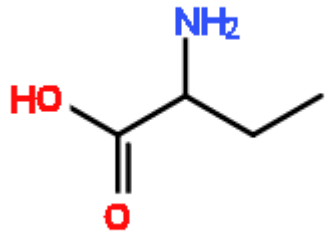
Application ID: 1848

APPLICATION RESULTS

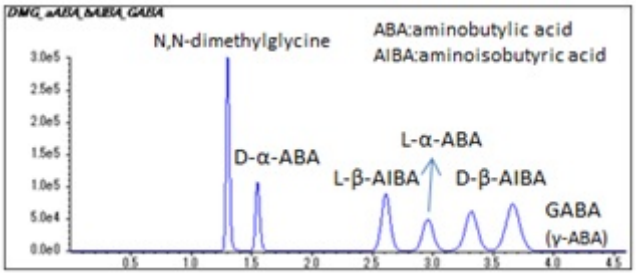
DAICEL CORPORATION

COMPOUND IDENTIFICATION

Compound Name
DL-2-Aminobutyric acid



CHROMATOGRAM



ANALYTICAL REPORT

Column Trade Name Column Size (Particle Size)	CROWNPAK® CR-I(+) 3 x 150 mm (5 µm)
Mobile Phase Composition	acetonitrile / ethanol / water / trifluoroacetic acid = 80 / 15 / 5 / 0.5
Chromatographic Mode	HILIC

Flow rate (mL/min)	0.4	Temperature (℃)	30
Injection Volume (µL)		Sample Concentration	
Detection	LC-MS		
Elution Order			

No.	Rt	K'	Alpha Value	Resolution
1	1.6		1 - 2	11.39
2	3.0			

Comment

This data was provided by Professor Fukusaki of Osaka University.

References ;

Novel high-throughput and widely-targeted liquid chromatography–time of flight mass spectrometry method for d-amino acids in foods

Yutaka Konya, Moyu Taniguchi, Eiichiro Fukusaki

Volume 123, Issue 1, January 2017, Pages 126-133