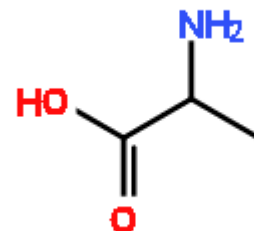


APPLICATION RESULTS

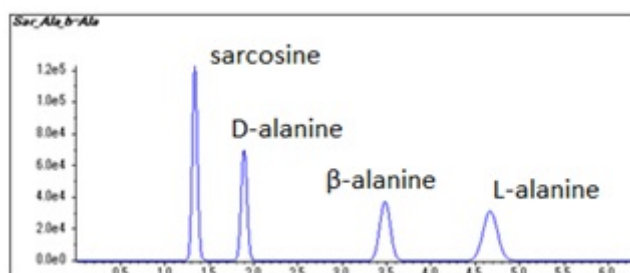
COMPOUND IDENTIFICATION

Compound Name

DL-Alanine



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 (°C) | 30 |
| Injection Volume (μL) | | Sample Concentration | |
| Detection | LC-MS | | |
| Elution Order | | | |

| No. | Rt | K' | Alpha Value | Resolution |
|-----|-----|----|-------------|------------|
| 1 | 1.9 | | 1 - 2 | 13.60 |
| 2 | 4.7 | | | |

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

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