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## Organic Acids

## Fruit Juice Organic Acid Standard

citric acid	2000 $\mu$ g/ml	quinic acid	2000
fumaric acid	10*	tartaric acid	2000
malic acid	2000		

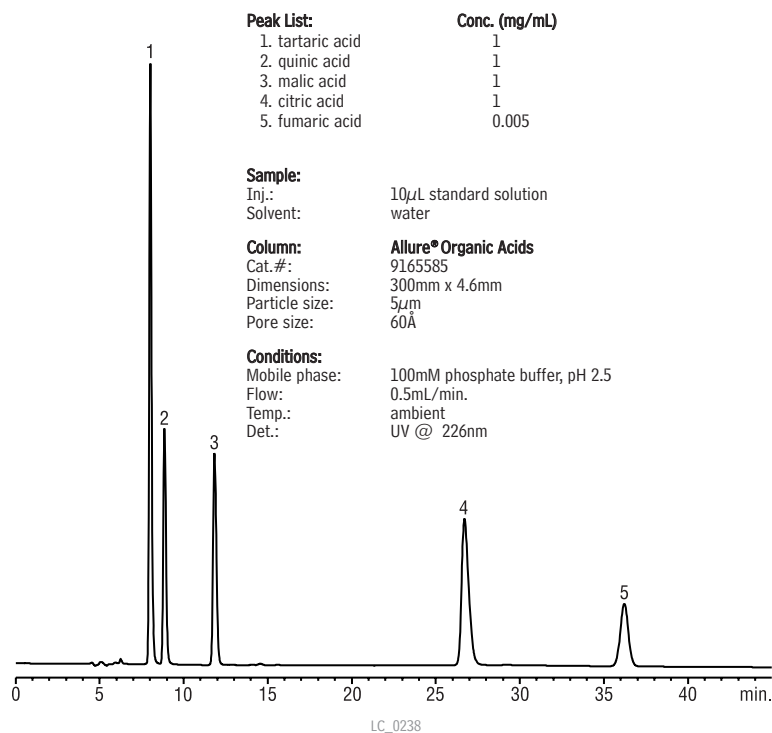
In water, 1mL/ampul

cat. # 35080 (ea.)

In water, 5mL/ampul

cat. # 35081 (ea.)

\*Fumaric acid is a trace impurity in malic acid, as well as an added component of the mix. The amount of fumaric acid in malic acid will not affect the stated concentration of malic acid, but can represent a significant and variable deviation from the low concentration of fumaric acid stated to be in the mix. All other components of the mix are at the specified concentration.

Organic acids on an Allure<sup>®</sup> Organic Acids HPLC column.

## free data

Available on Our Website: Lot Certificates, Data Packs, and MSDSs

For complete information detailing manufacturing and testing for Restek inventoried reference standards, visit our website at [www.restek.com](http://www.restek.com). To view lot certificates and/or an MSDS, enter the catalog number of the product in the Search feature. For a free data pack (Adobe<sup>®</sup> PDF file), enter the catalog number and lot number of the product.

## free literature

Single-Column Method for HPLC Analysis of Organic Acids in Fruit Juices, Using an Allure<sup>®</sup> Organics Acids Column

A highly aqueous mobile phase is needed to force interaction between polar organic acids and the stationary phase in an HPLC column, but conventional C18 phases collapse in 100% aqueous mobile phases. A 300mm Allure<sup>®</sup> Organic Acids column resolves key organic acids, such as tartaric and quinic acids, using the conditions specified for a two-column analysis in AOAC Method 986.13. Example chromatograms are included in this 2-page note.

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Applications Note  
 lit. cat.# 59530