

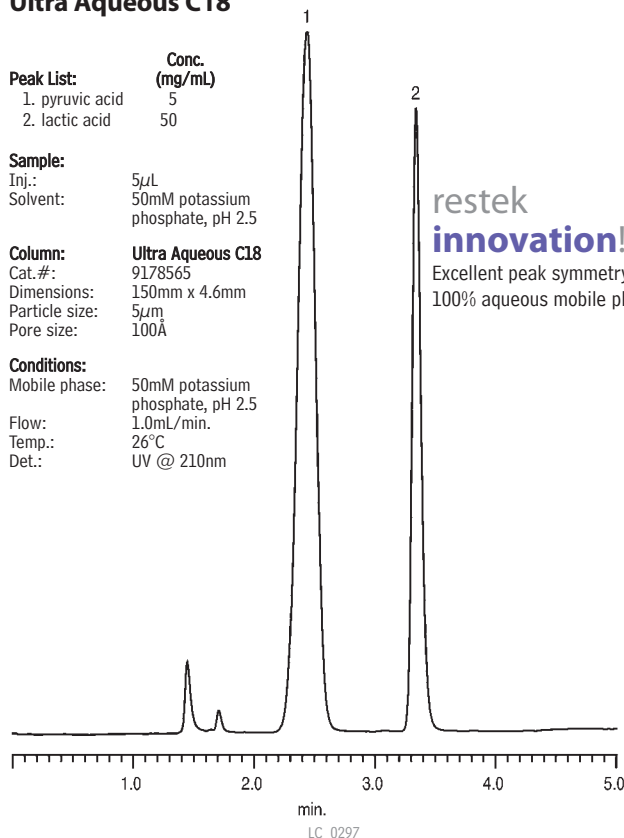
Carboxylic Acids (Pyruvic and Lactic) on Ultra Aqueous C18

Peak List:	Conc. (mg/mL)
1. pyruvic acid	5
2. lactic acid	50

Sample:
Inj.: 5 μ L
Solvent: 50mM potassium phosphate, pH 2.5

Column: Ultra Aqueous C18
Cat.#: 9178565
Dimensions: 150mm x 4.6mm
Particle size: 5 μ m
Pore size: 100Å

Conditions:
Mobile phase: 50mM potassium phosphate, pH 2.5
Flow: 1.0mL/min.
Temp.: 26°C
Det.: UV @ 210nm



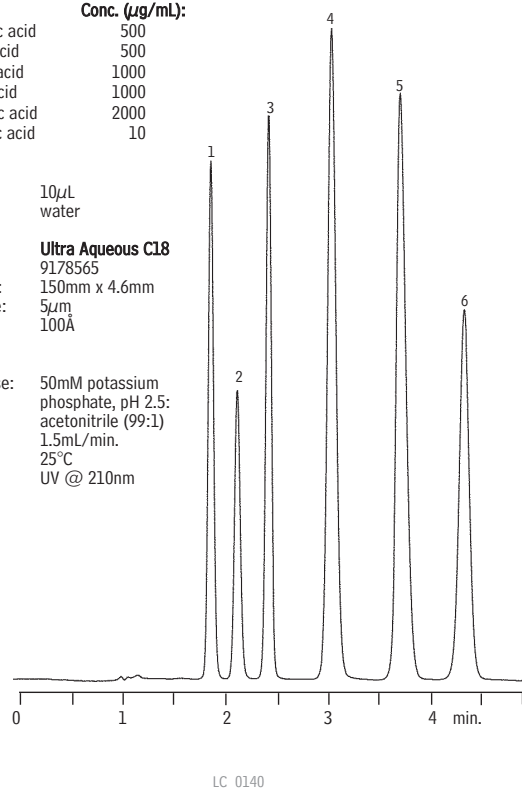
Carboxylic Acids on Ultra Aqueous C18

Peak List:	Conc. (μ g/mL):
1. malonic acid	500
2. lactic acid	500
3. acetic acid	1000
4. citric acid	1000
5. succinic acid	2000
6. fumaric acid	10

Sample:
Inj.: 10 μ L
Solvent: water

Column: Ultra Aqueous C18
Cat.#: 9178565
Dimensions: 150mm x 4.6mm
Particle size: 5 μ m
Pore size: 100Å

Conditions:
Mobile phase: 50mM potassium phosphate, pH 2.5; acetonitrile (99:1)
Flow: 1.5mL/min.
Temp.: 25°C
Det.: UV @ 210nm

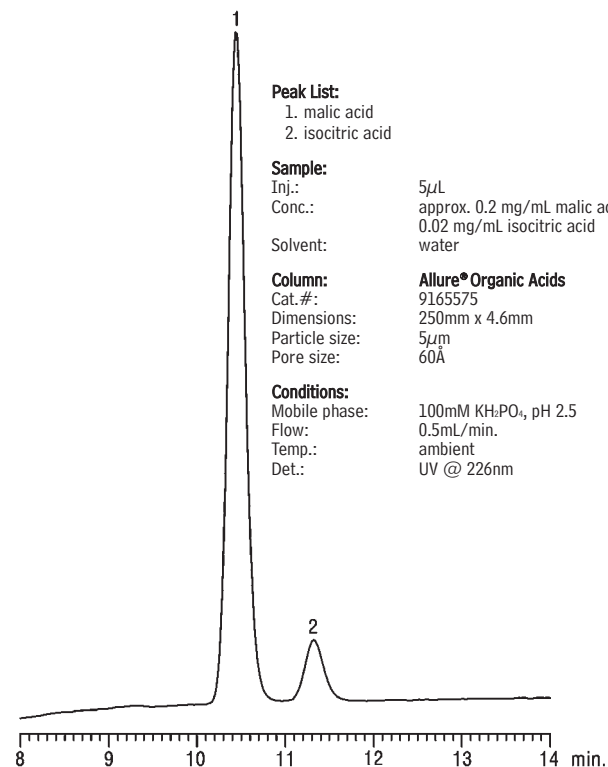
Organic Acids on Allure[®] Organic Acids

Peak List:
1. malic acid
2. isocitric acid

Sample:
Inj.: 5 μ L
Conc.: approx. 0.2 mg/mL malic acid; 0.02 mg/mL isocitric acid
Solvent: water

Column: Allure[®] Organic Acids
Cat.#: 9165575
Dimensions: 250mm x 4.6mm
Particle size: 5 μ m
Pore size: 60Å

Conditions:
Mobile phase: 100mM KH₂PO₄, pH 2.5
Flow: 0.5mL/min.
Temp.: ambient
Det.: UV @ 226nm

Organic Acids on Allure[®] Organic Acids

restek
innovation!

Baseline resolution of tartaric and quinic acids in 100% aqueous mobile phase!

Peak List:	Conc. (mg/mL)
1. tartaric acid	1
2. quinic acid	1
3. malic acid	1
4. citric acid	1
5. fumaric acid	0.005

Sample:
Inj.: 10 μ L standard solution
Solvent: water

Column: Allure[®] Organic Acids
Cat.#: 9165585
Dimensions: 300mm x 4.6mm
Particle size: 5 μ m
Pore size: 60Å

Conditions:
Mobile phase: 100mM phosphate buffer, pH 2.5
Flow: 0.5mL/min.
Temp.: ambient
Det.: UV @ 226nm

