

Acclaim HAA Columns

Quick Start

Acclaim HAA, Analytical Column, (2.1 x 100 mm) P/N SP6915

Acclaim HAA, Analytical Column, (2.1 x 50 mm) P/N SP6917

Acclaim HAA, Guard Cartridge, 2/pk (2.1 x 10 mm) P/N SP6916 (Requires Acclaim Guard Holder p/n 069580)

1. Overview

Thermo Scientific™ Acclaim™ HAA is a silica-based application-specific column for high resolution and high throughput trace analysis of haloacetic acids (HAAs) in water samples by LC-MS.

2. Main features

- Excellent resolution
- Fast analysis
- Ideal selectivity
- LC-MS compatibility

3. Physical data

- Column Chemistry: Proprietary mixed-mode
- Silica Substrate: Spherical, high-purity, porous
 - Particle size – 3 µm
 - Surface area – 100 m²/g
 - Pore size – 300 Å

4. Operational Parameters

Column Dimension	P/N	Maximum Pressure (psi)	pH Range	Recommended Temperature (°C)	Solvent/Aqueous Compatibility	Recommended Flow Rate (mL/min)	Maximum Flow Rate (mL/min)
2.1 x 100 mm	SP6915	4,500	2.5 – 7.5	20 – 30	Compatible with 0 – 100% aqueous	0.15 – 0.50	0.60
2.1 x 50 mm	SP6917	4,500	2.5 – 7.5	20 – 30			
2.1 x 10 mm	SP6916	4,000	2.5 – 7.5	20 – 30			

5. Operational Guidelines

- Read and understand the Application Note before using this product.
- Use the column, following the direction of flow marked on the column.
- Operate this column according to “Operational Parameters” described above.
- Avoid sudden pressure surge.
- **Must use the column in buffered mobile phase.**
- **Must store the column in buffered solution**, such as 90% acetonitrile/10% 10 mM ammonium acetate, pH5 (v/v) or pure acetonitrile for long-term storage.
- Always use guard column to protect the analytical column and extend its useful lifetime.



NOTE

Buffered solutions must be used for analysis and storage.