

ProPac™ HIC-10
Bonded Silica
5µm 300Å (2.1 x 100 mm)
Product No. 063653

Date: 30-Nov-22 22:12
Serial No. : 001694
Lot No. : 2204107

Mobile Phase: 0.10 M Ammonium acetate, pH 5.4 ± 0.1 in 30/70 (v/v) Acetonitrile/DI H2O
Flow Rate: 0.21 mL/min **Temperature:** 30 °C
Detection: UV, 230 nm **Injection Volume:** 1.0 µL

Storage Solution: 0.05 M Ammonium acetate, pH 5.4 ± 0.1 in 80/20 (v/v) Acetonitrile/DI H2O

No.	Peak Name	Ret.Time (min)	Asymmetry (EP)	Efficiency (EP)	Concentration
1	Cytosine	1.4	n.a.	2492	0.025 mg/mL
2	Amitriptyline	1.5	n.a.	n.a.	0.025 mg/mL
4	4-Butylbenzoic acid	2.8	n.a.	2180	0.025 mg/mL
5	Phenanthrene	3.5	n.a.	4540	0.025 mg/mL

QA Results:

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<u>Analyte</u>	<u>Parameter</u>	<u>Specification</u>	<u>Results</u>
Phenanthrene	Efficiency	>=2,700	Passed
Phenanthrene	Asymmetry	0.95-1.65	#VALUE!
Phenanthrene	Retention Time	2.7-3.5	Passed
	Pressure	<=715	386

The ProPac HIC-10 column is a silica-based product. Care must be taken to ensure the operating conditions do not exceed the limitations of bonded-silica material, specifically the pH must be maintained between pH 2.5 to 7.5. All warranties are made void if this product is exposed to mobile phase conditions outside of this range.

Production Reference:

Datasource: Archive7-Con-22
Directory: Acclaim7\Silica4\Silica4_1
Sequence 2008983_063653_PP_HIC10_21x100mm_NL
Sample No.: 8

7.2.10.26383

Chromeleon™ Thermo Fisher Scientific

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