

Manufacturing test log for 610-PR10- XX

S.N.

Customer:

Ship date: 08.04.23

Leak check at inlet at 4000 psi-

pass

Leak check at outlet at 4000 psi-

pass

Solvent = Water

Input flow rate = 0.5 ml/min

Vernier Scale Setting	Back pressure, psi	Capillary flow microliters/min 1 mm column	Capillary flow microliters/min 300 micron column	Capillary flow microliters/min 150 micron column	Capillary flow microliters/min, 75 micron column
50	41	1.37	0.14	0.05	0.01
55	69	2.30	0.23	0.09	0.01
59	113	3.77	0.38	0.15	0.02
62	159	5.30	0.53	0.21	0.02
65	222	7.40	0.74	0.30	0.03
68	347	11.57	1.16	0.46	0.05
71	523	17.43	1.74	0.70	0.07
74	779	25.97	2.60	1.04	0.10
77	1080	36.00	3.60	1.44	0.14
80	1381	46.03	4.60	1.84	0.18
83	1703	56.77	5.68	2.27	0.23
86	2202	73.40	7.34	2.94	0.29
89	2862	95.40	9.54	3.82	0.38
91	3376	112.53	11.25	4.50	0.45

NOTE: Flow rate is calculated from following: 1.0 mm column 1500 psi at .050 ml/min = 30 psi/microliter/min
.3 mm id 1500 psi at .005 ml/min
.15 mm 1500 psi at .002 ml/min
.075 mm : .0002 ml/min