

File Name C:\Documents and Settings\Compaq_Owner\Desktop\ElixirCR SV_R2.dpd
 Thickness (cm) 0.08
 Diameter (cm) 2.5
 Gas Name Air
 Viscosity (cP) 0.00019
 Gas Concentration (%) 100
 Blank File Z:\labdata\Diffperm\SRAM\0910\ElixirCR SV_R2Blank.dpd
 Test Duration (hours) 1
 Time Increment (minutes) 1
 Testing Pressure (Torr) 900
 Down Stream Volume(cc) 54
 Sample ID Sample 1
 Sample ID 2 Sample 1
 Run Number 1
 Note 1 ABC Company
 Note 2 John Doe

Flow rate incremental

Time(min)	P(Inlet)(Torr)	P(Outlet)(Torr)	Temp.(C)	Flow (scc/s)	Permeability (scc*cm/s/cm^2/Pa)
1	894.6707764	3.50E-02	24.89999962	3.80E-05	5.19E-12
1.999923923	893.8178101	7.17E-02	24.79999924	3.98E-05	5.45E-12
2.999740903	893.9125977	0.109117267	24.79999924	4.06E-05	5.56E-12
3.999527461	893.5333862	0.146956355	24.79999924	4.11E-05	5.62E-12
5.000406211	893.5333862	0.185066054	24.70000076	4.14E-05	5.66E-12
6.000409395	893.8178101	0.223173184	24.70000076	4.14E-05	5.66E-12
7.000377804	893.5333862	0.26117663	24.79999924	4.13E-05	5.65E-12
8.000325493	893.7230225	0.299050857	24.89999962	4.11E-05	5.62E-12
8.999189952	893.2490845	0.336865366	24.79999924	4.11E-05	5.63E-12
10.00028456	893.8178101	0.374810065	24.79999924	4.11E-05	5.63E-12
11.00029617	893.4387207	0.412687386	24.70000076	4.11E-05	5.63E-12
12.00030035	893.2490845	0.450463696	24.70000076	4.10E-05	5.62E-12
13.00029465	893.5333862	0.488209517	24.70000076	4.10E-05	5.61E-12
14.00028864	893.1542969	0.526089721	24.79999924	4.11E-05	5.63E-12
15.00028665	893.5333862	0.564209377	24.79999924	4.14E-05	5.67E-12
16.00028709	892.9647217	0.602559242	24.79999924	4.16E-05	5.70E-12
17.00028911	893.4387207	0.641066538	24.79999924	4.18E-05	5.72E-12
18.00029483	892.869873	0.679652469	24.70000076	4.19E-05	5.74E-12
19.00030599	892.869873	0.718267713	24.70000076	4.19E-05	5.75E-12
20.00031643	892.7752075	0.75687946	24.70000076	4.19E-05	5.75E-12
21.000312	892.4907837	0.795427554	24.79999924	4.18E-05	5.74E-12
22.00028659	893.1542969	0.833856754	24.89999962	4.17E-05	5.71E-12
23.0002536	892.5855713	0.872190657	24.79999924	4.16E-05	5.71E-12
24.00023118	893.4387207	0.910500223	24.79999924	4.16E-05	5.70E-12
25.00022302	893.4387207	0.948821742	24.79999924	4.16E-05	5.70E-12
26.00022193	892.6804199	0.987174464	24.70000076	4.17E-05	5.71E-12
27.00022367	892.6804199	1.025609352	24.70000076	4.17E-05	5.72E-12
28.00023142	893.2490845	1.064151398	24.70000076	4.19E-05	5.73E-12
29.00025102	892.5855713	1.102728793	24.79999924	4.19E-05	5.74E-12
30.00028088	893.3438721	1.141250685	24.89999962	4.18E-05	5.73E-12
31.00030589	893.0595093	1.179741317	24.89999962	4.18E-05	5.73E-12
31.99920834	893.1542969	1.218276461	24.79999924	4.19E-05	5.74E-12
33.00027816	892.869873	1.257045049	24.79999924	4.20E-05	5.76E-12
33.99913348	892.3961182	1.295804387	24.70000076	4.21E-05	5.78E-12
35.00018957	892.5855713	1.33458749	24.70000076	4.21E-05	5.77E-12
36.00016432	892.6804199	1.373185912	24.79999924	4.19E-05	5.75E-12
37.00015549	892.1116943	1.411666744	24.89999962	4.18E-05	5.73E-12
38.00015726	892.3012695	1.450094365	24.89999962	4.17E-05	5.72E-12
39.00016988	892.2064819	1.488485909	24.89999962	4.17E-05	5.72E-12
39.99909492	891.8272705	1.526760101	24.79999924	4.16E-05	5.71E-12

41.00021796	892.3012695	1.565008863	24.79999924	4.15E-05	5.69E-12
41.99913104	891.3533936	1.603092621	24.70000076	4.14E-05	5.69E-12
43.00022678	892.0169067	1.641253936	24.70000076	4.14E-05	5.68E-12
43.99911541	891.9221191	1.679381981	24.70000076	4.15E-05	5.69E-12
45.00019073	891.8272705	1.717680846	24.79999924	4.15E-05	5.70E-12
46.00015676	892.0169067	1.756090314	24.70000076	4.17E-05	5.73E-12
47.00012528	890.8795166	1.79470644	24.70000076	4.19E-05	5.77E-12
48.0001197	891.258606	1.833470279	24.70000076	4.21E-05	5.79E-12
49.00015924	890.784729	1.872230895	24.79999924	4.21E-05	5.79E-12
49.99914288	890.5952148	1.91082433	24.89999962	4.19E-05	5.77E-12
51.00033052	890.6898804	1.949346819	24.79999924	4.18E-05	5.75E-12
52.0003759	890.8795166	1.987723311	24.79999924	4.17E-05	5.73E-12
53.0003633	890.4055786	2.026093042	24.70000076	4.17E-05	5.73E-12
54.00032573	890.5952148	2.064517093	24.70000076	4.17E-05	5.74E-12
55.00029933	890.5952148	2.102966323	24.70000076	4.18E-05	5.75E-12
56.00004807	890.5952148	2.141366518	24.79999924	4.17E-05	5.74E-12
57.00090595	891.4481812	2.179791792	24.89999962	4.17E-05	5.73E-12
58.00068099	890.8795166	2.21827958	24.79999924	4.18E-05	5.75E-12
59.00049698	891.258606	2.256917262	24.79999924	4.20E-05	5.77E-12
60.00041504	891.258606	2.295333365	24.70000076	4.17E-05	5.74E-12

Average permeability = 5.6966E-12

Outlet Pressure vs. Time for Sample ID Sample 1

