

DCC

FAX COVER PAGE

CALIFORNIA INSTITUTE OF TECHNOLOGY

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REFER TO:	LIGO-1970226-00-B
SUBJECT:	Rai's analysis of 12/11-12 accum

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NO TEMPERATURE CORRECTION HAS BEEN MADE

The average temperature on the tube is 1.0+-0.8 C

The global air leak of 2.66×10^{-6} torr liters/sec has been applied at port 9

The discharge gauge at port 9 was (unfortunately) left on

AMU	torr liters/sec	torr liters/sec	equivalent air leak torr liters/sec (10/97 cracking pattern)
1	1.029189E-07	1.275860E-09	
2	1.362508E-06	1.972513E-08	
12	1.484500E-08	2.067567E-09	
13	6.532217E-09	1.906733E-10	
14	4.277186E-07	5.366665E-09	3.1 E -06
15	1.342787E-08	3.594563E-10	
16	1.371048E-07	6.487250E-09	
17	5.479738E-10	1.790513E-10	
18	1.403033E-09	6.299385E-10	
20	7.089405E-09	1.865006E-10	
24	2.675578E-10	7.118259E-11	
25	8.504815E-10	2.241496E-10	
26	4.745330E-09	1.123944E-09	
27	4.251931E-08	1.789606E-09	
28	3.795234E-06	4.742310E-08	3.8 E -06
29	3.555070E-08	7.929628E-10	
30	5.859346E-08	7.285083E-10	
32	8.585757E-07	1.306742E-08	4.9 E -06
34	3.437698E-09	8.448663E-11	
37	-3.207047E-11	4.806346E-11	
38	-3.847236E-11	9.357463E-11	
39	-1.232419E-10	1.275729E-10	
40	3.459798E-08	5.687177E-10	2.0 E -06
41	-1.608007E-09	2.045814E-10	
42	-2.842080E-10	8.713785E-11	
43	1.292752E-10	3.916548E-10	
44	9.690289E-08	2.982946E-08	
45	9.714289E-10	3.700839E-10	

filein = ac1211.dif

fileout = ac1211.res

avg temp (C) = 23.00 accum time (sec) = 5.752000E+04

H2 cal (torr/cps) = 3.240000E-14 N2 cal = 4.974000E-14

H2 binding T = 8.000000E+03 H2O binding T = 1.000000E+04

H2 temp cor = 1.000000E+00 H2O temp cor = 1.000000E+00

global H2 cal = 1.000000E+00 global N2 cal = 1.000000E+00