

file name: 94102204

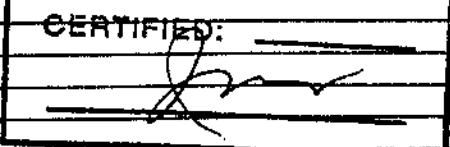
sized: 12/21/1994

meter identification: 94102204 tag:  
 application customer: ARGONNE LABS  
 V-Cone model number: V000B-AL

fluid: Water/water comments: \_\_\_\_\_

fluid boiling point: 671.800 R

Operating Conditions:  
 temperature: 75.000 F  
 pressure: 150.000 psiG  
 fluid mass: 62.098#/ft3  
 viscosity: 0.834 cP  
 Z-factor: 0.003

CERTIFIED: \_\_\_\_\_  


Meter Specifications:  
 inside diameter: 0.656in  
 cone diameter: 0.468in  
 beta ratio: 0.7007  
 Fa: 1.0001

turndown: 10.0 to 1 Cf: 0.7990  
 - Cf is linear to flowrate -

FLOWRATE ( GPM )	DIFF-PRESS ( inWC )	VELOCITY ( f/s )	REYNOLDS NUMBER	COEFFICIENT OF FLOW
7.9999	52.730	7.59	45926.	0.79900
6.9021	39.251	6.55	39624.	0.79900
6.3924	33.668	6.07	36698.	0.79900
5.9719	29.384	5.67	34284.	0.79900
5.5928	25.772	5.31	32108.	0.79900
5.2362	22.591	4.97	30061.	0.79900
4.8915	19.714	4.64	28082.	0.79900
4.5515	17.069	4.32	26130.	0.79900
4.2104	14.606	4.00	24172.	0.79900
3.8628	12.294	3.67	22176.	0.79900
3.5023	10.107	3.32	20107.	0.79900
3.1211	8.0262	2.96	17918.	0.79900
2.7072	6.0384	2.57	15542.	0.79900
2.2394	4.1319	2.13	12856.	0.79900
1.6698	2.2973	1.58	9586.2	0.79900
0.79995	0.52725	0.759	4592.5	0.79900

sized by: Cathy Parker, 12/21/94, approval: \_\_\_\_\_