

file name:94102225

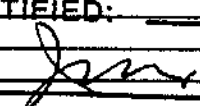
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meter identification: 94102225 tag:  
 application customer: ARGONNE LABS  
 V-Cone model number: V000A -AL

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: _____  _____
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Meter Specifications:  
 inside diameter: 0.438in  
 cone diameter: 0.299in  
 beta ratio: 0.7307  
 Fa: 1.0001

turndown: 10.0to1 Cf: 0.7570  
 - Cf is linear to flowrate -

FLOWRATE ( GPM )	DIFF-PRESS ( inWC )	VELOCITY ( f/s )	REYNOLDS NUMBER	COEFFICIENT OF FLOW
4.0002	58.867	8.52	34394.	0.75700
3.4512	43.820	7.35	29675.	0.75700
3.1964	37.587	6.80	27483.	0.75700
2.9861	32.804	6.36	25675.	0.75700
2.7966	28.772	5.95	24046.	0.75700
2.6183	25.220	5.57	22512.	0.75700
2.4459	22.008	5.21	21030.	0.75700
2.2759	19.055	4.85	19569.	0.75700
2.1053	16.306	4.48	18102.	0.75700
1.9315	13.725	4.11	16607.	0.75700
1.7513	11.283	3.73	15058.	0.75700
1.5606	8.9604	3.32	13419.	0.75700
1.3537	6.7412	2.88	11639.	0.75700
1.1198	4.6128	2.38	9627.9	0.75700
0.83495	2.5647	1.78	7179.1	0.75700
0.40000	0.58862	0.852	3439.3	0.75700

sized by:  12/22/94 approval: \_\_\_\_\_