

SURFACE TENSION REPORT FROM INDIA





CENTER OF EXCELLENCE - INDUSTRIAL / HOME TEXTILES

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TEST REPORT

Report No: 669

Report Date: 10.12.2015

Name of the Customer: M/s.Vantex Ltd,Coimbatore Description of the Sample: Water Sample Received Detail: COE/12/15/669 DT: 10.12.2015 Type of test: Surface Tension

TEST RESULTS:

S.No	Sample	Surface Tension (mN/m)
1	1-Befor Filter	58.0
2	2-After filter	48.3

QA1

Tested by

VMK

Technical Manager

This is computer generated report no need of signature

Important:



This Report is strictly CONFIDENTIAL. Its use for publicity, arbitration or as evidence in legal disputes is forbidden. The results relate only to the sample supplied by the cust

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SAMPLE ONE -

UNSTRUCTURED WATER - Before going through Crystal Blue Ent Water Structuring Unit



4	A	В	С	D	E	F	G	Н	1	J	K	L	М	N	0
1	Measurement "Sample 1	Before filter"													
2															
3	Configuration				ID	Time [ms]	Force [mN	Mass [g]	Surface Te	Avg. SFT [mN/r	Temperatu				
4	Liquid:	Water			0	37140	7.546806	0.76956	58.08071			3.581	25.82741		
5	Solid/Probe:	Krüss Standard Ring			0	77017	7.50552	0.76535	57.73814			3.4308	25.84927		
6	Gas phase:	Air			0	114609	7.507089	0.76551	57.75116			3.4198	25.87854		
7					0	151761	7.511502	0.76596	57.78777			3.429	25.912		
8	Procedure Parameters				0	188899	7.517288	0.76655	57.83577	57.83870951	0.140488	3.4382	25.93725		
9	CompDevices	K100			0	226075	7.523662	0.7672	57.88866	57.80029881	0.062251	3.4473	25.94713		
10	ScriptName	K1HRSS			0	264066	7.52984	0.76783	57.93992	57.84065461	0.07581	3.4167	25.95799		
11	DetectionSpeed [mm/min]	6			0	301370	7.536901	0.76855	57.99851	57.89012541	0.083158	3.4351	25.97708		
12	DetectionSensitivity [g]	0.005			0	338961	7.544354	0.76931	58.06036	57.94464458	0.088464	3.4245	25.9966		
13	SearchSpeed [mm/min]	6			0	375908	7.552101	0.7701	58.12466	58.00242303	0.09376	3.4433	26.0197		
14	SearchSensitivity [g]	0.005													
15	MeasSpeed [mm/min]	3													
16	MeasSensitivity [g]	0.001													
17	ImmersDepth [mm]	3													
18	Values	10													
19	ValsForMean	5													
20	StdDeviationSFT [mN/m]	0													
21	Correction	1													
22	ReturnDistance [%]	10													
23	Enable Mass Values	FALSE													
24	Vessel	<binary></binary>													
25	GravAccel [m/s ²]	9.80665													
26	AddScriptInfo	Name=K1HRSS,Vers	ion=3.2.2	2.3011,Dat	te=31-AUG-2	2010,"Auth	or=KRUSS G	imbH, Har	nburg","Cor	mpany=KRUSS	GmbH, Ham	burg",Lan	guage=409	h,Type=0,	Certifie
27															
28	Results														
29	SFTAvg [mN/m]	58.00242303													

SAMPLE TWO -

STRUCTURED WATER After going through Crystal Blue Ent Water Structuring Unit



	A1	• (* fx	Measureme	ent "Sampl	e <mark>2 After f</mark> il	ter"	_		_	_	_					
1	A	В	С	D	E	F	G	Н	1	J	K	L	М	N	0	Р
1	Measurement "S	ample 2 After fi	lter"													
2																
3	Configuration				ID	Time [ms]	Force [mN	Mass [g]	Surface Te	Avg. SFT [I	Std.Dev. SI	amella H	Temperatu	ıre [°C]		
4	Liquid:	Water			0	35589	6.366968	0.64925	48.35688			3.4419	25.20869			
5	Solid/Probe:	Krüss Standard Ri	ng		0	74595	6.361672	0.64871	48.31356			3.2612	25.25959			
6	Gas phase:	Air			0	110293	6.359514	0.64849	48.29591			3.2516	25.29929			
7					0	146099	6.358043	0.64834	48.28388			3.2511	25.32813			
8 Procedure Parame		eters			0	181763	6.358142	0.64835	48.28468	48.30698	0.03036	3.2609	25.35367			
9	CompDevices	K100			0	217795	6.357455	0.64828	48.27907	48.29142	0.013832	3.2507	25.38249			
10	ScriptName	K1HRSS			0	253462	6.358142	0.64835	48.28468	48.28565	0.006198	3.2604	25.40145			
11	DetectionSpeed [r		6		0	289097	6.358926	0.64843	48.2911	48.28468	0.004282	3.2706	25.42943			
12	DetectionSensitiv	0.00	15		0	325364	6.358926	0.64843	48.2911	48.28613	0.005086	3.2508	25.45188			
13	SearchSpeed [mm		6		0	361434	6.360495	0.64859	48.30394	48.28998	0.009279	3.2404	25.45945			
14	SearchSensitivity	0.00	15													
15	MeasSpeed [mm/		3													
16	MeasSensitivity [g	0.00)1													
17	ImmersDepth [mn		3													
18	Values	1	.0													
19	ValsForMean		5													
20	StdDeviationSFT [0													
21	Correction		1													
22	ReturnDistance [%	1	.0													
23	EnableMassValues	FALSE														
24	Vessel	<binary></binary>														
25	GravAccel [m/s ²]	9.8066	5													
26	AddScriptInfo Name=K1HRSS, Version=3.7		ersion=3.2.2	.3011,Date	=31-AUG-2	010,"Autho	or=KRUSS G	mbH, Ham	burg","Cor	mpany=KR	USS GmbH,	Hamburg	",Language	=409h,Typ	e=0,Certifi	ed=-1
27									3723			577				
28	Results															
29	SFTAvg [mN/m]	48.2899772	29								_					
30	and the second s															

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