

# Application Data: Food Industry (Dairy)

## Computrac<sup>®</sup> MAX<sup>®</sup> 1000/2000XL Moisture/Solids Analyzers

MATERIAL	RESULT	COMPUTRAC <sup>®</sup>	STATISTIC	OVEN
<b>Buttermilk</b>	% Solids	8.42	Mean	8.41
		0.136	Standard Deviation	0.032
		8-10 minutes	Test Time	3 hours
<b>Buttermilk Powder</b>	% Moisture	4.37	Mean	4.37
		0.025	Standard Deviation	0.035
		4-5 minutes	Test Time	16 hours
<b>Cottage Cheese</b>	% Solids	18.820	Mean	18.760
		0.071	Standard Deviation	0.021
		7-8 minutes	Test Time	4 hours
<b>Cream Cheese</b>	% Moisture	55.255	Mean	55.280
		0.203	Standard Deviation	0.008
		6-7 minutes	Test Time	5 hours
<b>Neufchatel Cheese</b>	% Moisture	61.929	Mean	61.678
		0.417	Standard Deviation	0.384
		6-7 minutes	Test Time	5 hours
<b>Powdered Cheese</b>	% Moisture	3.23	Mean	3.34
		0.009	Standard Deviation	0.095
		7-9 minutes	Test Time	16 hours
<b>Ricotta Cheese</b>	% Moisture	75.194	Mean	75.334
		0.153	Standard Deviation	0.273
		8-9 minutes	Test Time	6 hours
<b>Salad Dressing, Mayonnaise</b>	% Moisture	11.477	Mean	11.422
		0.029	Standard Deviation	0.089
		3 minutes	Test Time	2 hours
<b>Sour Cream</b>	% Solids	29.35	Mean	29.38
		0.102	Standard Deviation	0.110
		6-7 minutes	Test Time	3 hours
<b>Whey Powder</b>	% Moisture	3.351	Mean	3.309
		0.055	Standard Deviation	0.022
		4 minutes	Test Time	4 hours
<b>Whey Powder, Sweet</b>	% Moisture	3.76	Mean	3.79
		0.092	Standard Deviation	0.113
		8-9 minutes	Test Time	16 hours
<b>Whipping Cream</b>	% Moisture	43.40	Mean	43.44
		0.042	Standard Deviation	0.075
		4-5 minutes	Test Time	3 hours
<b>Yogurt, Chocolate</b>	% Solids	30.365	Mean	30.388
		0.101	Standard Deviation	0.038
		7-9minutes	Test Time	2 hours
<b>Yogurt, Vanilla</b>	% Solids	23.898	Mean	23.796
		0.026	Standard Deviation	0.062
		10 minutes	Test Time	4 hours



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