

Application Data: Food Industry

Computrac® MAX® 4000XL Moisture/Solids Analyzer

Bakery

MATERIAL	RESULT	COMPUTRAC®	STATISTIC	OVEN
Sugar	% Moisture	0.0990	Mean	0.1158
		0.0074	Standard Deviation	0.0271
		2-3 minutes	Test Time	3 hours

Beans

MATERIAL	RESULT	COMPUTRAC®	STATISTIC	OVEN
Beans	% Moisture	13.9204	Mean	13.9453
		0.1097	Standard Deviation	0.0539
		5-6 minutes	Test Time	4 hours
Beans, Dry Black	% Moisture	10.4120	Mean	10.4080
		0.0930	Standard Deviation	0.0402
		5-6 minutes	Test Time	4 hours
Beans, Dry Navy	% Moisture	14.8042	Mean	14.7416
		0.1395	Standard Deviation	0.1227
		6 minutes	Test Time	4 hours
Beans, Dry Pinto	% Moisture	15.3924	Mean	15.4280
		0.0652	Standard Deviation	0.0472
		6-7 minutes	Test Time	4 hours
Beans, Black	% Moisture	69.1300	Mean	69.4095
		0.4281	Standard Deviation	0.3521
		10-12 minutes	Test Time	4 hours
Beans, Navy	% Moisture	61.1924	Mean	61.3281
		0.1828	Standard Deviation	0.1510
		7-8 minutes	Test Time	4 hours
Beans, Pinto	% Moisture	65.8300	Mean	66.0492
		0.2626	Standard Deviation	0.3354
		9-10 minutes	Test Time	4 hours

Dairy

MATERIAL	RESULT	COMPUTRAC®	STATISTIC	OVEN
Dry Milk	% Moisture	6.5456	Mean	6.4987
		0.0343	Standard Deviation	0.0357
		4 minutes	Test Time	5 hours

Fruits and Vegetables

MATERIAL	RESULT	COMPUTRAC®	STATISTIC	OVEN
Tomato Paste	% Moisture	33.6354	Mean	33.6642
		0.2074	Standard Deviation	0.2826
		15-18 minutes	Test Time	3 hours
Corn	% Moisture	14.4834	Mean	14.5765
		0.0557	Standard Deviation	0.1321
		6 minutes	Test Time	4 hours

Grains

MATERIAL	RESULT	COMPUTRAC®	STATISTIC	OVEN
Cereal, Sugar Coating	% Moisture	2.9028	Mean	2.8443
		0.0308	Standard Deviation	0.0420
		2-3 minutes	Test Time	3 hours
Oats	% Moisture	13.4560	Mean	13.5123
		0.0977	Standard Deviation	0.0320
		4 minutes	Test Time	5 hours

Nuts

MATERIAL	RESULT	COMPUTRAC®	STATISTIC	OVEN
Pistachios	% Moisture	49.2508	Mean	50.6684
		1.5769	Standard Deviation	1.2777
		5-6 minutes	Test Time	5 hours

Snacks

MATERIAL	RESULT	COMPUTRAC®	STATISTIC	OVEN
Candy, Chew	% Moisture	8.2566	Mean	8.2436
		0.0975	Standard Deviation	0.0321
		4-5 minutes	Test Time	8 hours
Candy, Peppermint	% Moisture	2.0070	Mean	2.1243
		0.0439	Standard Deviation	0.0514
		3-4 minutes	Test Time	8 hours
Cookie, Chocolate Chip	% Moisture	5.6618	Mean	5.6795
		0.0662	Standard Deviation	0.1591
		4-5 minutes	Test Time	16 hours
Cookie, Chocolate Dipped	% Moisture	1.1082	Mean	1.0833
		0.0255	Standard Deviation	0.0672
		5 minutes	Test Time	16 hours

Cookie, Ginger	% Moisture	0.9666 0.0186 4 minutes	Mean Standard Deviation Test Time	0.9591 0.0257 16 hours
Cookie, Key Lime Shortbread	% Moisture	2.0720 0.0385 7-8 minutes	Mean Standard Deviation Test Time	2.0169 0.0488 16 hours
Cookie, Vanilla Sugar	% Moisture	2.7332 0.0510 7-8 minutes	Mean Standard Deviation Test Time	2.7436 0.0300 16 hours
Shortbread, Caramel Pecan	% Moisture	2.9528 0.0527 9-10 minutes	Mean Standard Deviation Test Time	2.9562 0.0384 16 hours
Snack, Chocolate	% Moisture	0.2826 0.0288 5-6 minutes	Mean Standard Deviation Test Time	0.2312 0.0333 6 hours
Taffy	% Moisture	9.1860 0.2102 5-6 minutes	Mean Standard Deviation Test Time	9.2033 0.0932 8 hours
Toaster Pastry	% Moisture	7.1346 0.1778 3 minutes	Mean Standard Deviation Test Time	7.5130 0.1424 18 hours



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Exclusive Manufacturer of Computrac® Moisture Analyzers and Jerome® Toxic Gas Analyzers