

Application Data: Chemical Industry

Computrac® MAX® 5000 Moisture/Solids/Ash Analyzer

MATERIAL	RESULT	COMPUTRAC®	STATISTIC	OVEN
Aspartic Ester	% Moisture	34.8516	Mean	34.8405
		0.095	Standard Deviation	0.010
		14-15 minutes	Test Time	90 minutes
Carbon Black	% Moisture	0.6302	Mean	N/A
		0.039	Standard Deviation	
		5 minutes	Test Time	
Catalyst	% Moisture	10.6435	Mean	10.5831
		0.174	Standard Deviation	0.090
		5-6 minutes	Test Time	1 hour
Ceiling Tiles	% Moisture	1.7241	Mean	1.7097
		0.064	Standard Deviation	0.083
		8-9 minutes	Test Time	2 hours
Ceramic Tape, Pre-fired	% Moisture	4.0876	Mean	3.8-4.3
		0.048	Standard Deviation	N/A
		3-4 minutes	Test Time	N/A
Fiber Ceiling/Wall Panels	% Moisture	63.1834	Mean	63.1667
		0.346	Standard Deviation	0.208
		22-34 minutes	Test Time	2 hours
Silver Catalyst	% Moisture (Free)	0.0641	Mean	0.0541
		0.002	Standard Deviation	0.004
		2 minutes	Test Time	20-25 minutes
Silver Catalyst	% Moisture (Bound)	0.2888	Mean	0.3063
		0.006	Standard Deviation	0.016

MATERIAL	RESULT	COMPUTRAC®	STATISTIC	KF
Lime, Store Sample	% Moisture	0.6084	Mean	0.6775
		0.012	Standard Deviation	0.045
		2 minutes	Test Time	N/A
Lime, Production	% Moisture	1.0999	Mean	1.0950
		0.031	Standard Deviation	0.017
		2 minutes	Test Time	N/A

MATERIAL	RESULT	COMPUTRAC®	STATISTIC	OVEN
Cleaning Solution	% Solids	0.4936	Mean	0.500
		0.028	Standard Deviation	N/A
		9-10 minutes	Test Time	N/A
Feed Solids	% Solids	28.6137	Mean	29.2700
		0.795	Standard Deviation	0.096
		10-13 minutes	Test Time	24 hours
Lime, Treated Waste	% Solids	26.7459	Mean	26.9001
		0.204	Standard Deviation	0.312
		36-43 minutes	Test Time	24 hours
Solvent, Water Base	% Solids	67.9446	Mean	67.8744
		0.263	Standard Deviation	0.743
		7-9 minutes	Test Time	1 hour
Solvent, Solvent Base	% Solids	5.0179	Mean	5.0043
		0.046	Standard Deviation	0.045
		12-15 minutes	Test Time	1 hour

MATERIAL	RESULT	COMPUTRAC®	STATISTIC	FURNACE
Carbon Black	% Ash	0.9008	Mean	N/A
		0.066	Standard Deviation	
		46-49 minutes	Test Time	
Ceiling Tiles	% Ash	14.4919	Mean	14.4744
		0.037	Standard Deviation	0.148
		20-21 minutes	Test Time	2 hours
Feed Solids	% Ash	47.3224	Mean	45.8640
		1.823	Standard Deviation	0.296
		3-4 minutes	Test Time	1 hour
Fiber, Ceiling/Wall Panels	% Ash	23.3999	Mean	23.3468
		0.307	Standard Deviation	0.092
Lime, Treated Waste	% Ash	46.5528	Mean	45.7518
		0.680	Standard Deviation	0.793
		23-27 minutes	Test Time	1 hour



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