

APPLICATION DATA – CHEMICAL

Computrac® Vapor Pro®

MATERIAL	RESULT	COMPUTRAC	STATISTIC	OVEN/KF
Acetal Report #10595	ppm Moisture	382 22 5 – 6 minutes	Mean Standard Deviation Test Times	348 25 6 minutes
Alumina Sintered Pellets Report #8494	ppm Moisture	79 3 6 minutes	Mean Standard Deviation Test Times	71 5 2 – 3 minutes
Ammonium Bentonite Powder Report #9617	% Moisture	0.914 0.024 6 – 7 minutes	Mean Standard Deviation Test Times	0.923 0.064 2 hours
Anti-Oxident Report #8301	ppm Moisture	343 6 6 – 7 minutes	Mean Standard Deviation Test Times	341 5 2 minutes
Bismuth Sub Carbonate Report #8109	% Moisture	0.205 0.006 4 minutes	Mean Standard Deviation Test Times	0.203 0.012 13 minutes
Calcined Coke Report #9020	ppm Moisture	37 2 7 – 8 minutes	Mean Standard Deviation Test Times	40 2 5 minutes
Carbon Black Report #10538	ppm Moisture	59.2 32.1 15 minutes	Mean Standard Deviation Test Times	56.6 26.6 2 – 3 minutes
Citric Acid Report #11056	ppm Moisture	336 15 4 – 5 minutes	Mean Standard Deviation Test Times	325 10 2 minutes
Ethanol Report #10712	% Moisture	7.290 0.126 9 minutes	Mean Standard Deviation Test Times	7.570 0.023 2 minutes
Fiberglass Report #9476	ppm Moisture	366 12 3 minutes	Mean Standard Deviation Test Times	340 16 3 minutes
Film Strip Report #10326	% Moisture	7.893 0.139 9 minutes	Mean Standard Deviation Test Times	7.818 0.238 5 minutes
Glass/Epoxy Prepreg Report #8507	ppm Moisture	640 16 4 minutes	Mean Standard Deviation Test Times	635 20 2 minutes
Hydrogenated I-Decene Report #9620	ppm Moisture	23 4 10 – 11 minutes	Mean Standard Deviation Test Times	23 2 1 minute
Hydrogenated I-Dodecene Report #9619	ppm Moisture	20 2 10 minutes	Mean Standard Deviation Test Times	22 2 1 minute
Iron Powder Report #9865	ppm Moisture	684 32 5 minutes	Mean Standard Deviation Test Times	689 23 To constant weight



ARIZONA INSTRUMENT LLC

1912 W. 4th Street, Tempe, AZ 85281 • (602) 470-1414 • (800) 528-7411 • www.azic.com

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

Lithium Cobalt Dioxide Report #5682	ppm Moisture	129 8 3 minutes	Mean Standard Deviation Test Times	112 11 1 – 2 minutes
Lithium Complex Grease Report #9630	ppm Moisture	636 22 9 – 10 minutes	Mean Standard Deviation Test Times	637 44 8 – 10 minutes
Lithium Compound Report #10843	ppm Moisture	581 24 6 minutes	Mean Standard Deviation Test Times	580 40 20 minutes
Lithium Nickel Cobalt Dioxide Report #5683	ppm Moisture	734 22 3 – 4 minutes	Mean Standard Deviation Test Times	715 18 2 – 3 minutes
Lithium Phosphate Monobasic Report #5881	% Moisture	0.131 0.006 3 – 4 minutes	Mean Standard Deviation Test Times	0.130 0.002 10 minutes
Lithium Vanadium Oxide Report #6423	ppm Moisture	518 16 4 minutes	Mean Standard Deviation Test Times	512 18 4 – 5 minutes
Neoprene Report #9221	% Moisture	0.376 0.012 9 – 10 minutes	Mean Standard Deviation Test Times	0.354 0.004 20 minutes
Nitroxyl Mixture Report #9434	% Moisture	0.548 0.014 4 – 5 minutes	Mean Standard Deviation Test Times	0.586 0.029 2 – 3 minutes
Petroleum-Based Product Report #11308	% Moisture	0.864 0.089 17 minutes	Mean Standard Deviation Test Times	0.916 0.122 1 – 2 minutes
Industrial Pigment Report #8408	% Moisture	0.322 0.012 9 minutes	Mean Standard Deviation Test Times	0.317 0.012 Customer provided
Industrial Pigment Report #8409	% Moisture	0.122 0.005 5 minutes	Mean Standard Deviation Test Times	0.120 0.010 Customer provided
Industrial Pigment Report #8410	% Moisture	0.175 0.007 6 – 7 minutes	Mean Standard Deviation Test Times	0.167 0.015 Customer provided
Iron-Based Pigment Report #9205	% Moisture	0.142 0.003 4 minutes	Mean Standard Deviation Test Times	0.144 0.002 3 – 5 minutes
Potassium Chloride Report #9976	ppm Moisture	745 32 25 minutes	Mean Standard Deviation Test Times	767 61 20 minutes
Potassium Citrate Report #4794	% Moisture	5.562 0.134 7 – 8 minutes	Mean Standard Deviation Test Times	5.682 0.166 26 minutes
Potassium Tartrate Hemihydrate Report #9624	% Moisture	3.824 0.072 5 – 6 minutes	Mean Standard Deviation Test Times	3.820 0.038 5 – 6 minutes
Powder Surface Coating Alloy Report #9882	ppm Moisture	14 2 7 minutes	Mean Standard Deviation Test Times	17 1 2 hours



ARIZONA INSTRUMENT LLC

1912 W. 4th Street, Tempe, AZ 85281 • (602) 470-1414 • (800) 528-7411 • www.azic.com

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

Powder Surface Coating Alloy Report #9883	ppm Moisture	7 1 5 minutes	Mean Standard Deviation Test Times	12 1 2 hours
Rubber Solution Report #9862	% Moisture	0.131 0.005 8 minutes	Mean Standard Deviation Test Times	0.129 0.013 4 minutes
Sodium Bicarbonate Report #10752	ppm Moisture	878 44 8 minutes	Mean Standard Deviation Test Times	810 210 2 hours
Sodium Chloride Report #9925	ppm Moisture	169 10 6 – 7 minutes	Mean Standard Deviation Test Times	294 135 2 hours
Sodium Chloride Report #9928	% Moisture	0.214 0.017 10 minutes	Mean Standard Deviation Test Times	0.206 0.027 2 hours
Sodium Chloride Report #10685	ppm Moisture	21 4 1 – 2 minutes	Mean Standard Deviation Test Times	12 3 2 hours
Succinic Acid Report #10263	% Moisture	1.010 0.006 5 – 6 minutes	Mean Standard Deviation Test Times	1.044 0.028 1 minute
Surfactant Report #7105	% Moisture	0.170 0.003 11 minutes	Mean Standard Deviation Test Times	0.174 0.009 1 minute
Suture Report #11205	ppm Moisture	323 80 4 minutes	Mean Standard Deviation Test Times	336 140 4 minutes
Synthetic Sutures Report #4727	ppm Moisture	742 0, n=2 2 minutes	Mean Standard Deviation Test Times	736 60 4 minutes
Titanium Dioxide, Zinc Oxide Report #9844	% Moisture	0.410 0.012 4 – 5 minutes	Mean Standard Deviation Test Times	0.401 0.018 20 minutes
Wax Report #4642	% Moisture	0.083 0.001 11 minutes	Mean Standard Deviation Test Times	0.086 0.003 5 minutes
Paraffin Wax with Fragrance Report #9654	% Moisture	0.015 0.001 1 – 2 minutes	Mean Standard Deviation Test Times	0.015 0.002 3 – 5 minutes
Zinc Borate Hydrate Report #9130	% Moisture	0.133 0.006 13 minutes	Mean Standard Deviation Test Times	0.125 0.001 3 – 5 minutes
Zinc Powder Report #5988	% Moisture	2.245 0.082 17 - 18 minutes	Mean Standard Deviation Test Times	2.249 0.042 20 minutes



ARIZONA INSTRUMENT LLC

1912 W. 4th Street, Tempe, AZ 85281 • (602) 470-1414 • (800) 528-7411 • www.azic.com

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