

# APPLICATION DATA – CHEMICAL

## Batteries – Computrac® Vapor Pro®

MATERIAL	RESULT	COMPUTRAC	STATISTIC	OVEN/KF
Battery Component Report #4873	ppm Moisture	1857 30 7 - 8 minutes	Mean Standard Deviation Test Times	1792 Customer provided value
Lithium-based Battery Report #5882	ppm Moisture	620 20 5 - 6 minutes	Mean Standard Deviation Test Times	623 10 10 minutes
Anode Electrode Report #11398	ppm Moisture	152.8 21.1 5 - 6 minutes	Mean Standard Deviation Test Times	145.4 33.1 5 minutes
Cathode Powder Report #11397	ppm Moisture	200 15.7 4 - 5 minutes	Mean Standard Deviation Test Times	183 19.4 5 minutes
Cathode Powder Report #10277	ppm Moisture	377 2.5 6 minutes	Mean Standard Deviation Test Times	397.7 22.9 3 minutes
Cathode Material Report #11024	ppm Moisture	2248 210 3 - 4 minutes	Mean Standard Deviation Test Times	2260 340 6 - 7 minutes
Lithium-based Cathode Material Report #10839	ppm Moisture	2196 80 6 minutes	Mean Standard Deviation Test Times	2159 120 6 minutes

## Batteries – Computrac® MAX® 1000/MAX® 2000XL

Battery Paste, Wet Report #5596	% Moisture	2.99 0.047 3 - 4 minutes	Mean Standard Deviation Test Times	3.045 0.017 16 hours
Battery Paste, Dry Report #5597	% Moisture	2.12 0.024 3 minutes	Mean Standard Deviation Test Times	2.072 0.009 16 hours
Cathode Powder Report #10398	% Moisture	7.41 0.024 5 - 6 minutes	Mean Standard Deviation Test Times	7.465 0.132 8 minutes
Cathode Report #7979	% Moisture	0.097 0.008 2 minutes	Mean Standard Deviation Test Times	0.095 0.008 5 minutes
Vanadium-based Cathode Material Report #9013	% Moisture	0.543 0.003 3 minutes	Mean Standard Deviation Test Times	0.524 0.004 10 minutes
Manganese-based Cathode Powder Report #10681	% Moisture	5.768 0.027 5 minutes	Mean Standard Deviation Test Times	5.736 0.034 16 hours



**ARIZONA INSTRUMENT LLC**

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