

ETHANOL INDUSTRY

Mark 3 Moisture/Solids Analyzer

Application Examples

The Mark 3 conforms to ASTM standard D6980, "Standard Test Method for Determination of Moisture by Loss in Weight". Fast, accurate moisture or solids measurement the Mark 3 allows adjustments to be made in the processing cycle in minutes rather than hours.

- Ideal materials across the range of moisture from .01% to 99.99%
- No pre-programming required on the part of the operator
- One button operation to perform a test
- Free loaners for the life of the instrument
- Two year complete parts and labor warranty
- Built for harsh production environments
- Hard copy results with standard internal printer



TYPE MATERIAL	OVEN REFERENCE	MARK 3 RESULTS	TEST TIMES	STD DEV
Beerwell	9.94% S	10.04% S	4.0 Min	.140
Centrate	7.65% S	7.66% S	4.7 Min	.095
DDG	12.37% M	12.31% M	4.4 Min	.147
Liquefaction	31.70% S	31.85% S	10.5 Min	.093
Syrup	24.95% S	24.93% S	7.4 Min	.149
Slurry	30.47% S	30.14% S	12.2 Min	.242
Thin Stillage	7.41% S	7.49% S	4.0 Min	.111
Wetcake	68.70% M	68.79% S	11.9 Min	.190
Whole Stillage	13.70% S	13.59% S	9.0 Min	.281

Table demonstrates correlation results between convection oven, 3 hours @ 105 C and the Mark 3 moisture analyzer

5 Orville Dr. Suite 200
Bohemia, NY 11716
www.sartorius-omnimark.com



sartorius
mechatronics

Tel (303) 876-5396
(800) 835-3211
Fax (631) 253-5263