

Moisture/Fat Analysis of Dairy Powders

Systems

ORACLE SMART 6

Equipment

CEM Square Glass Fiber Pads CEM Trac Film ORACLE Station Spatula

SMART 6 Settings	i								
Calculation Mode		Option	Option		Display Mode				
Moisture/Fat		Standard		Moisture					
SMART 6 Categor	ies								
Ramp Time (sec)		Delta Weight (mg)	Delta Weight (mg)		Delta Time (sec)				
0		5		20					
Am. Fan Speed (%	%) Run	Fan Speed (%)	Run Fan Off (sec)	Weight Co	mp. (On /Off)				
0	10		30	Off					
ORACLE Parameters									
Cooling Enabled	Temperature (°C)	QuickPrep™ Temp (°C)	QuickPrep™ Time (sec)	Warm Delay (sec)	Max Cool Time				
Yes	45	70	30	5	3:30				

Parameters						
Stage	Mag (%)	IR (%)	Time (mm:ss)	Max Temp (°C)	Mode	
1	100	100	2:00	130	Set Time	

Sample Preparation

Mix sample thoroughly.

Procedure

Tare one glass fiber sample pad. Apply 1.9-2.1 grams of sample on pad, spread sample thinly and evenly to cover about 60% of the pad. Place the pad with sample centered on balance pan. Close cover, and press "START". When prompted by the SMART 6, prepare the samples using the ORACLE Station and follow prompts on the display.

Spread Technique

