



## ELECTRONIC BALANCES AND SCALES

### SUBSTANCE – WHEY CONCENTRATE

Below information on determination of humidity content for above specified substance is a supplement of traditional drying method. RADWAG technical support department hopes, that this datasheet will be helpful for the tests performed with application of RADWAG moisture analyzers.

#### DRYING PARAMETERS – TRADITIONAL METHOD

Substance description:	Whey concentrate
Reference /traditional/ method parameters:	105 °C / 3 hours.
Dry mass determined with traditional method:	19,36 %
Standard deviation:	0,013 %

#### DRYING PARAMETERS - MOISTURE ANALYZER SERIES MAX 50

Equipment necessary for drying process	Disposable aluminum pans
Sample preparation	Spread thin layer of a sample evenly on all pan surface
Sample size	~ 3 - 3,5 g
Drying profile	Standard
Drying temperature	130 °C
Auto switch-off criterion	Automatic 1 [ Auto 1 - 1mg/10sek; Auto 2 - 1mg/25sek; Auto 3 - 1mg/60sek; Auto 4 - 1mg/90sek; Auto 5 - 1mg/120sek ]
Average measurement time	~ 20 - 25 minutes
Determined dry mass content /average value/	19,339 %
Standard deviation	0,1 %

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