



ELECTRONIC BALANCES AND SCALES

SUBSTANCE – CORN SILAGE

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:	Corn silage
Reference /traditional/ method parameters:	105 °C / 3 hours.
Dry mass content determined with traditional method:	29,45 % (average from 5 measurements)



DRYING PARAMETERS - MOISTURE ANALYZER SERIES MAC 50

Equipment necessary for drying process	Disposable aluminum pans, grinder for sample grinding
Sample preparation	Grind sample and spread it evenly on all pan surface
Sample size	~ 2,5 - 3 g
Drying profile	Standard
Drying temperature	135 °C
Auto switch-off criterion	Automatic 3 [Auto 1 - 1mg/10sek; Auto 2 - 1mg/25sek; Auto 3 - 1mg/60sek; Auto 4 - 1mg/90sek; Auto 5 - 1mg/120sek]
Average measurement time	~ 20 minutes
Determined dry mass content	29,331 %
Standard deviation	0,161 %

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