



ELECTRONIC BALANCES AND SCALES

SUBSTANCE – PELLET

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:	Pellet
Reference /traditional/ method parameters:	105 °C / 3 hours.
Humidity determined with traditional method:	8,374 %
Standard deviation	0,02 %

DRYING PARAMETERS - MOISTURE ANALYZER SERIES MAC 50

Equipment necessary for drying process	Disposable aluminum pans
Sample preparation	Grind sample mechanically till fine, and spread it evenly on all pan surface
Sample size	~ 3,5 ÷ 4 g
Drying profile	Standard
Drying temperature	100 °C
Auto switch-off criterion	Automatic 2 [Auto 1 - 1mg/10sek; Auto 2 - 1mg/25sek; Auto 3 - 1mg/60sek; Auto 4 - 1mg/90sek; Auto 5 - 1mg/120sek]
Average measurement time	~ 4 minutes
Determined humidity content /average value/	8,263 %
Standard deviation	0,05 %

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