



## ELECTRONIC BALANCES AND SCALES

### SUBSTANCE – WALNUT

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:	Walnut
Reference /traditional/ method parameters:	105 °C / 3 hours.
Humidity determined with traditional method:	3,754 %
Standard deviation	0,03 %

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

Equipment necessary for drying process	Disposable aluminum pans
Sample preparation	Crush sample till homogenous and spread even layer on all pan surface
Sample size	~ 3,5 g
Drying profile	Standard
Drying temperature	130 °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	~ 10 minutes
Determined humidity content /average value/	3,886 %
Standard deviation	0,06 %

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