



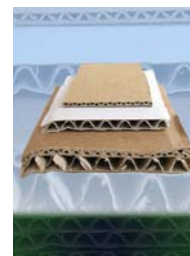
ELECTRONIC BALANCES AND SCALES

SUBSTANCE – CARDBOARD 3 and 5 layers

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:	Cardboard 3 and 5 layers
Reference /traditional/ method parameters:	105 °C / 3 hours.
Humidity determined with traditional method:	5,825 % (average from 5 measurements)
Standard deviation	0,26 %



DRYING PARAMETERS - MOISTURE ANALYZER SERIES MAC 50

Equipment necessary for drying process	Disposable aluminum pans
Sample preparation	Cut sample with diameter Ø 80 mm. Season it for 24 hours
Sample size	A disk Ø 80 mm in diameter
Drying profile	Standard
Drying temperature	110 °C
Auto switch-off criterion	Automatic 1 [Auto 1 - 1mg/10sec; Auto 2 - 1mg/25sec; Auto 3 - 1mg/60sec; Auto 4 - 1mg/90sec; Auto 5 - 1mg/120sec]
Average measurement time	~ 3 - 6 minutes (depending on sample thickness)
Determined humidity content /average value/	6,2 % (average from 5 measurements)
Standard deviation	0,07 %

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