



ELECTRONIC BALANCES AND SCALES

SUBSTANCE – PINEWOOD

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

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|--|--------------------|
| Substance description: | Pinewood |
| Reference /traditional/ method parameters: | 105 °C / 24 hours. |
| Humidity determined with traditional method: | 7,46 % |
| Standard deviation: | 0,31 % |



DRYING PARAMETERS - MOISTURE ANALYZER SERIES MAC 50

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|---|--|
| Equipment necessary for drying process | Disposable aluminum pans |
| Sample preparation | Cut a sample with dimensions 20 x 20 x 0,5 mm and season it for 24 hours |
| Sample size | 20 mm x 20 mm x 0,5 mm |
| Drying profile | Standard |
| Drying temperature | 105 °C |
| Auto switch-off criterion | Automatic 5 [Auto 1 - 1mg/10sek; Auto 2 - 1mg/25sek; Auto 3 - 1mg/60sek; Auto 4 - 1mg/90sek; Auto 5 - 1mg/120sek] |
| Average measurement time | ~ 25 - 30 minutes |
| Determined humidity content /average value/ | 7,5 % |
| Standard deviation | 0,03 % |

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