



ELECTRONIC BALANCES AND SCALES

SUBSTANCE – RYE

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: | Rye |
| Reference /traditional/ method parameters: | 105 °C / 4 hour. |
| Humidity determined with traditional method: | 10,64 % |
| Standard deviation: | 0,23 % |



DRYING PARAMETERS - MOISTURE ANALYZER SERIES WPS 50SX

| Equipment necessary for drying process | Disposable aluminum pans |
|---|--|
| Sample preparation | Grind grains and spread sample evenly on all pan surface |
| Sample size | ~ 3 - 4 g |
| Drying profile | Standard |
| Drying temperature | 120 °C |
| Auto switch-off criterion | Automatic 3 [Auto 1 - 1mg/10sec; Auto 2 - 1mg/25sec; Auto 3 - 1mg/60sec; Auto 4 - 1mg/90sec; Auto 5 - 1mg/120sec] |
| Average measurement time | ~ 30 minutes |
| Determined humidity content /average value/ | 10,25 % |
| Standard deviation | 0,11 % |

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