



ELECTRONIC BALANCES AND SCALES

SUBSTANCE – SOYBEAN MEAL

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: | Soybean meal |
| Reference /traditional/ method parameters: | 105 °C / 3 hours. |
| Humidity determined with traditional method: | 10,14 % |
| Standard deviation | 0,086 % |

DRYING PARAMETERS - MOISTURE ANALYZER SERIES MAX 50

| | |
|---|--|
| Equipment necessary for drying process | Disposable aluminum pans |
| Sample preparation | Spread sample evenly on all pan surface |
| Sample size | ~ 3 – 3,5 g |
| Drying profile | Standard |
| Drying temperature | 115 °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 | ~ 20 – 25 minutes |
| Determined humidity content /average value/ | 10,087 % |
| Standard deviation | 0,035 % |

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