



## ELECTRONIC BALANCES AND SCALES

### SUBSTANCE – XANTHAN GUM

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:	Xanthan gum
Reference /traditional/ method parameters:	105 °C / 3 hours.
Humidity determined with traditional method:	10,841 %
Standard deviation:	0,002 %

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

Equipment necessary for drying process	Disposable aluminum pans
Sample preparation	Mix sample and spread evenly on all pan surface
Sample size	~ 2 g
Drying profile	Standard
Drying temperature	105 °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	~ 12 min
Determined humidity content /average value/	10,974 %
Standard deviation	0,1 %

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