



## ELECTRONIC BALANCES AND SCALES

### SUBSTANCE – CHALK SPT, TV

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:	Chalk SPT, Chalk TV		
Reference /traditional/ method parameters:	105 °C / 3 hours.		
Humidity determined with traditional method:		Humidity	Standard Deviation
	1.	Chalk SPT	0,23 % S=0,0004 %
	2.	Chalk TV	0,08 % S=0,0001 %

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

Equipment necessary for drying process	Disposable aluminum pans	
Sample preparation	Spread thin layer of a sample evenly on all pan surface	
Sample size	~ 2,5 - 3 g	
Drying profile	Standard	
Drying temperature	120 °C	
Auto switch-off criterion	Automatic 2 [ Auto 1 - 1mg/10sek; Auto 2 - 1mg/25sek; Auto 3 - 1mg/60sek; Auto 4 - 1mg/90sek; Auto 5 - 1mg/120sek ]	
Average measurement time	~ 2 minutes	
Determined humidity content /average value/	Chalk SPT:	0,262 %
	Chalk TV:	0,073 %

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