

Moisture Determination of Liquid Soap

Precisa moisture analysis XM60/EM120 Halogen



Moisture Content



160°C



Sample Weighing



Auto-Stop



The moisture determination of liquid soap is essential to ensure a product of the highest quality. If the moisture content is too high or too low, this can result in a low quality product and wastage can occur.

In this application note we determine the moisture of liquid soap using Precisa's XM60/EM120 Halogen moisture analyser.

Maintaining optimal moisture levels during the production of soap is critical to achieving the highest quality product. When the moisture content becomes too high or too low, product quality becomes inferior and waste occurs. To accurately test and regulate moisture in your product, you need a top quality soap moisture analyser.

This information is intended as a guideline for development of a moisture analysis method and parameter setting.

Materials vary throughout the world and we will be more than happy to test customers' individual samples.

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Can also be conducted using XM50, XM60-HR & XM66

Description:	Liquid soap, creamy liquid
Utensils:	Spatula, Glass fibre filter, Aluminium pan
Preparation:	Spread thinly and evenly onto a glass fibre filter
Sample weight (+/-10%):	2g
Temperature program:	Standard
Temperature:	160 °C
Stop-Criteria:	Autostop 2 Digits [mg] / 30 s or 0.1 %/30s
Moisture content: (average of 6 measurements)	84.15%
Standard Deviation (+/-):	0.07%
Average analysis time:	7.4 min
Reference:	