

Determination of water content in diluted plant extracts

**Matrix type:**

Diluted plant extracts with medium-chain triglycerides.

Equipment used (Brand and model):

Volumetric KF Titrator V30S Mettler Toledo.

Sample pre-treatment: None**Titration procedure:**

The titration is carried out through volumetric titration

Amount of sample used: 200 mg.

Stirring time: 60 seconds.

Sample type: green-yellow liquid.

Preparation time: 5-8 minutes to weigh the sample in a syringe (1 mL). Three replicates.

Reagents and standards used:

Aquagent® Complet 5K (AQ0034)

Aquagent® Medium K (AQ0005)

Results:

- Water content: 0.05 - 0.12 % H₂O
- Repetitions: 3 replicates
- Sample weight: 0.200 g
- Deviation: 10-15%