

<i>Category</i>	<i>Coulometric Karl Fischer Titrator AQ series</i>
Resins/Rubber/Adhesives /Paints/Electronics etc...	Water in Acrylate resin material by Coulometric KF titration method

Referenced methods

Key words; acrylate resin, coulometric Karl Fischer titration

Outline

Water in acrylate resin fluid can be determined by direct titration method with *Coulometric Karl Fischer titrator AQ-2100/AQ-300*.

Reagents and carrier gas

Anode solution	Hydranal® Coulomat Oil 100mL
Cathode solution	Hydranal® Coulomat CG 1 ampule

Instruments

<i>KF Titrator</i>	AQ-2100S / AQ-300
<i>Printer</i>	Thermal Printer PR-2000T2 / Dot impact printer PR-302B

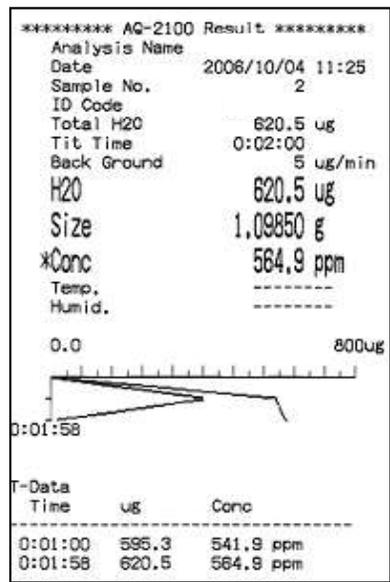


Procedure

1. Take a little amount of the sample into the syringe, and rinse 2-3 times.
2. Take up about 2mL of the sample into the syringe and quickly weigh the syringe accurately.
3. Press the **[SAMPLE]** key and immediately inject approximately 1g sample into the cell through the rubber septum once the background stabilized.
4. Press the **[TITRATION]** key to start titration.
5. Weigh the syringe accurately after sample injection and press the **[S.SIZE/No.]** key to enter the injected sample weight.

Condition parameters

Condition file	
Cal Mode	0
Interval Time	15 sec
S-Timer	0 min
T-Timer	0 min
Current	SLOW
Blank Value	0.0 µg
Unit Mode	AUTO
Back Ground	ON
Auto Interval	0.00000 g
Minimum Count	5 µg



- Printout result example -

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