KF Application Note No. K- 18

Title:	**Water in cyclopropyl methyl ketone**

***Summary*:**	The water content of cyclopropyl methyl ketone is determined according to Karl Fischer by coulometric titration using special reagents for aldehydes and ketones.

Sample:	Cyclopropyl methyl ketone

Sample Preparation:	none

Instruments and Accessories:	737 KF Coulometer, cell without diaphragm, 728 Magnetic Stirrer, printer

Analysis:	Fill Hydranal Coulomat AK into the measuring cell and condition it until the drift is steady and below 10 ug/min. Inject ca. 300 mg sample with a syringe (the exact sample mass is determined by difference weighing) and start the automatic determination. **Reagents:** Hydranal Coulomat AK (Riedel-de Haën)

Results:	Sample 1: AVG(5) = 0.166 +/- 0.002 % water Sample 2: AVG(5) = 532 +/- 6 ppm water

Settings:	737 KF Coulometer	
	smpl.req:	on
	d.start	20 ug/min
	extr.	0 s
	stop drift:	auto
	delay time	3 s
	report:	full