

iCheck Chroma 3

How to use iCheck Chroma 3 Test Kit to Measure Vitamin A in Refined Edible Oil

Scan the code to watch training video



DOs

- Turn on your device with metal cap on. An automatic self-test will run.
 - Control your device with Chroma 3 Standard.
 - Measure blank vial.
- Mix your oil sample.
 - If the oil is solid, liquefy it by warming it up to max 50°C.
 - Take up ~0.3mL oil sample using syringe.
 - Attach needle, hold the syringe upright at eye level and adjust to 0.1 mL.
- Use same vial as during blank measurement.
 - Hold the vial steady (i.e. on a table) while injecting the oil.
 - Keep needle and syringe at an angle to let the oil run slowly down the glass.
 - Make sure there are 2 distinct layers.

- Follow strictly instructions indicated on device display.
- Observe the count down, be ready to pick up the vial at "1".
- Invert the vial twice at exactly "0" and immediately insert in the device.

- Prepare a sealable container to place the used needles.
- Treat used vials as hazardous material.

DON'Ts

- Don't remove metal cap from the measurement chamber during self-test.
 - Don't measure in direct sunlight.
- Don't store the sample in direct sunlight.
 - Don't measure oil with intense orange or red color.
 - Don't leave air bubbles in the syringe.
- Don't inject the oil straight down so that oil mixes with reagent.
 - Don't shake the vial when injecting.
- Don't let the vial with injected oil stand around for more than few seconds.
 - Don't disturb the 2 layers in the vial before you see "0" on the display.
- Don't re-use the syringe and needle for another sample.
 - Do not re-use the vial.
 - Dispose used vials as hazardous material.

See User Manual

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