

iCheck Chroma and Chroma 3: Dilution Instructions



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Fortified Edible oil (>30 mg RE/kg): Sample Dilution Step by Step

Dilution	Expected concentration of Vit. A in oil premix, [mg RE/kg]	Dilution	Sample weight, [g]	Weight of unfortified oil, [g]	Expected diluted sample concentration, [mg RE/kg]
STEP 1	30 – 40	1 : 2	25.0 g	25.0 g	15 – 20

- Weigh in 25.0 g of oil premix and dilute it to 25.0 g with unfortified refined oil such as rapeseed, sunflower or palm.
- Mix the solution from Step 2 continuously for 2 hours (at 10 rpm on a shaker). Now the sample is ready for measurement
- Proceed as described in iCheck Chroma 3 (or Chroma) User Manual using solution from Step 2.

ATTENTION

- Do not use fortified or unrefined oil to dilute the oil premix.
- Preparation should be performed in room temperature.



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