Step by step instructions

NEFA (Free fatty acids)

Example: 2 samples

Additionally required: Free fatty acids standard (NEFA ST), Diaglobal Round Cuvettes (LH 075)

1. Prepare the reagent solutions according to the instructions

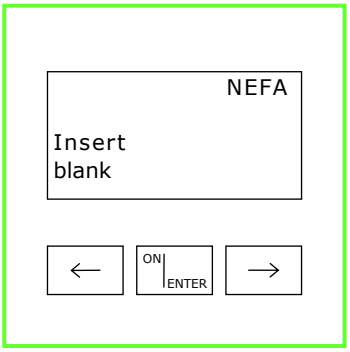
Then pipette 1000 µL solution R1a from the bottle into each cuvette

2. Pipette samples into cuvettes, mix well and leave them for 10 minutes

Cuvette 1: nothing (= Blank for zero point)
Cuvette 2: 50 µL Standard
Cuvette 3: 50 µL Sample 1
Cuvette 4: 50 µL Sample 2

3. After a waiting time of 10 minutes, pipette 500 µL solution R2a from the bottle into each cuvette

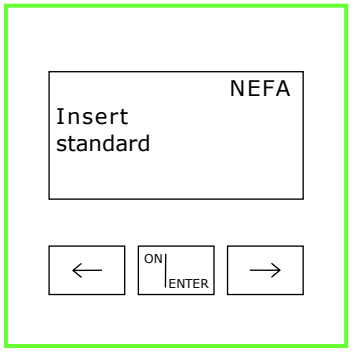
Close the cuvettes, mix and allow to stand for another 10 minutes at room temperature



4. Switch photometer on with ON/ENTER key

Wait for device check, confirm with ON/ENTER

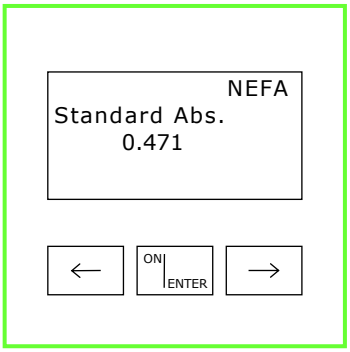
Select NEFA, confirm with ON/ENTER



5. Zero point adjustment: Insert cuvette 1 (blank for zero point) into photometer

Zero point is stored in memory

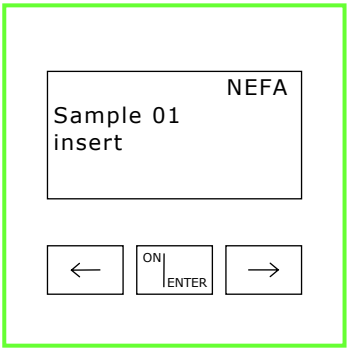
Remove cuvette after signal tone



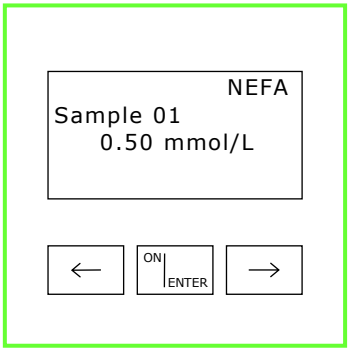
6. Insert cuvette 2 (standard) into photometer

Photometer shows the standard absorbance

Note: If necessary, note this value for documentation purposes



7. Remove cuvette 2 (standard)



8. Insert cuvette 3 (sample 1) and then cuvette 4 (sample 2) into photometer

Read measured values one after the other

In regard to series measurement:

After zero point and standard setting any number of additional samples can be measured