

Distributor meeting 2023

Volume accuracy, improvements and sustainability

LabRobot

– A PART OF AddLife



Berit Bergström
(you can call me B)

- Quality Manager at LabRobot since June 2021
- Education: University degree as Food technician.

(management, different quality management systems, certified auditor for Tüv)

- Quality manager for different food industries

Advantages of Dilucup

What do you think of when you hear advantages of Dilucup?



LabRobot

– A PART OF AddLife

Advantages of Dilucup

- Ready to use
- The risk of contamination is minimal
- Better ergonomics for the user
- No need to mix chemicals and boil solution
- Don´t have to measure the correct amount of ml before each test
- Don’t have to buy expensive machines for the process
- Reduced cost on the total including the labour cost



LabRobot

– A PART OF AddLife

Advantages, time saving



Weight control

- A lot of tests are made to ensure the highest quality
- Before every production of a batch, the volume dispensed in every cup is checked to ensure that is correct



LabRobot

– A PART OF AddLife

Weight control

Under production:

- The production team controls each blister in the cleanroom
- Control of empty blisters during production
- The lab also does tests on samples from the production



LabRobot

– A PART OF AddLife

Weight control

After production and sterilization

- After sterilization we test the volume both on liquid and cups.



LabRobot

– A PART OF AddLife

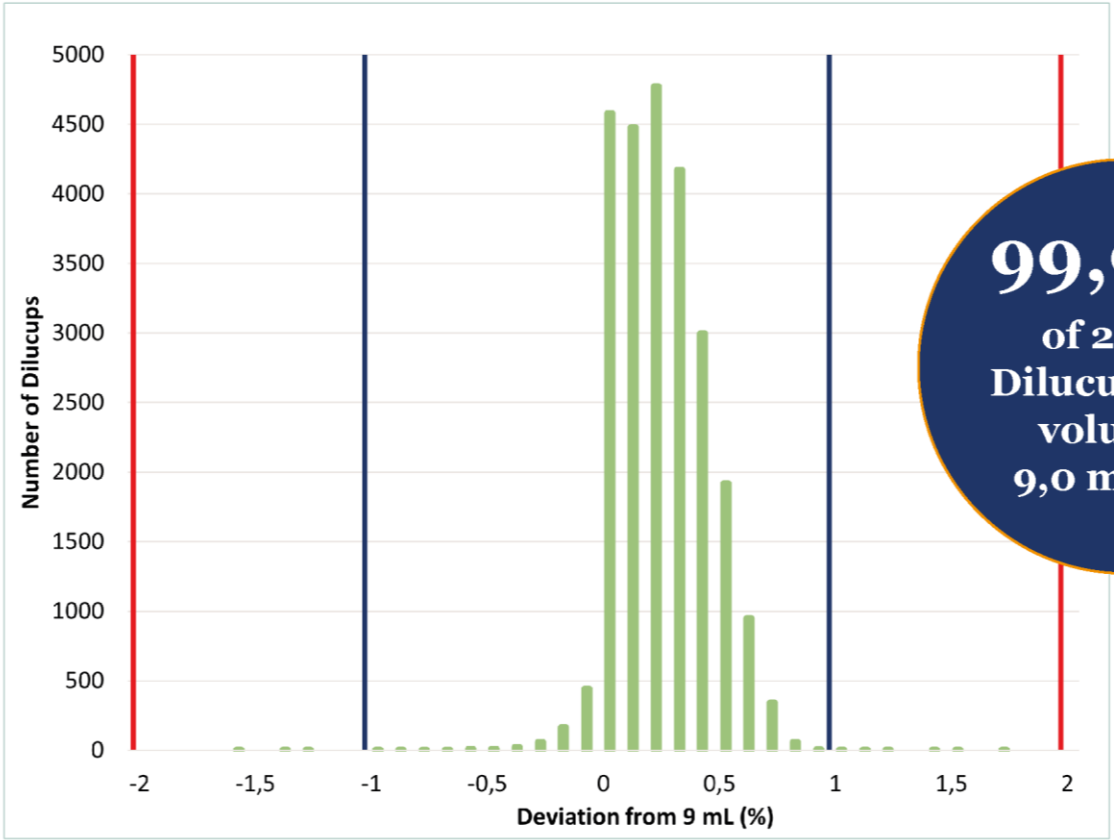
Limits

- We have standards to relate to
- The red lines are EN ISO 6881-1:2017 with the limits of ± 2%
- The blue lines are LabRobots internal limits of ± 1%

- We have a accuracy of 99,95% on our internal limits

Accurate volume with Dilucup®

Dilucup ELEGANCE

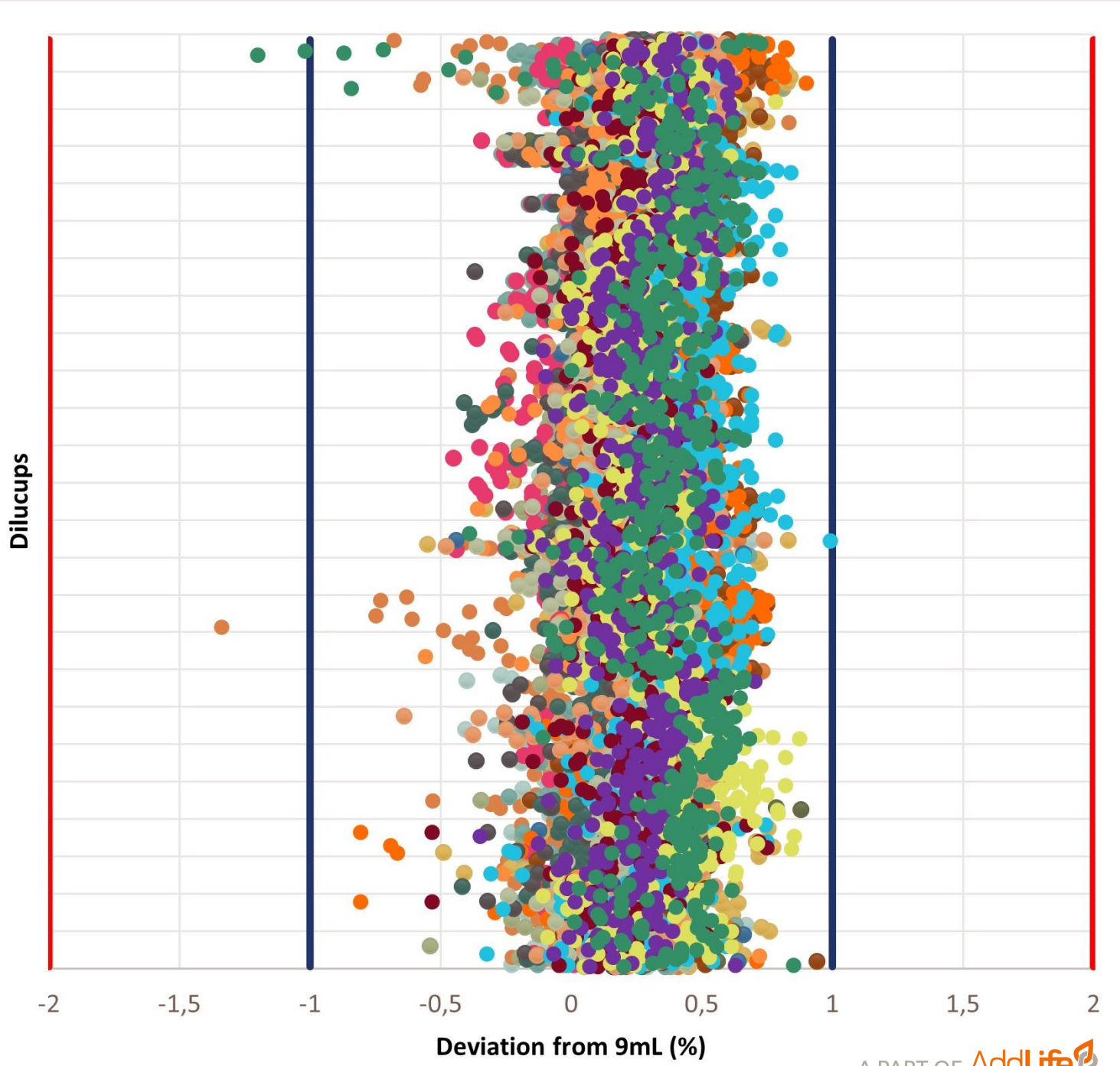


Deviation from 9 mL in %. The green bars represent the amount of Dilucups manually controlled in the LabRobot's QC laboratory according to the percentage of deviation from 9 mL. The red lines represent the limits of deviation from 9,0 mL ± 2 % tolerated according to EN ISO 6887-1:2017 and the blue lines the maximum deviation objective according to Dilucup® (± 1 %). **Conclusion:** 99,95 % of 25.000 Dilucups manually controlled had a volume of 9,0 mL ± 1 %.

LabRobot

– A PART OF AddLife

Another way to show 99,95%



LabRobot

– A PART OF AddLife

Improved Quality system

- More digital
- Improved security
- Improved traceability
- Improved accessibility

- A very important tool for me to collect data and do followups



Sustainability on LabRobot

- We aim to reduce the number of transports
- We aim to use local suppliers as far as possible
- Energy saving, fossil free
- Looking over our raw materials how they can become more sustainable



LabRobot

– A PART OF AddLife



Fika

- Before we go to fika I want You to reflect on something
- We have 99,95% accurate volume on our internal limits of 1%
- When you are having a coffe, a cinnamon bun or any other food. It may differ 10% in the ingredients.
- We have something to be proud of, don’t we?

LabRobot

– A PART OF AddLife