

TITRIVIN

is a range of reference materials to meet your needs and to easily create your control chart

Find reference values on our website

www.titrivin.com



The laboratory's results are **reliable** when the control results oscillate in a random way around the target value and within the control limits.

Reliable means that if your results were repeated, you would get the same results.

The laboratory's results are **accurate** when the average of the control results is within the confidence interval of the TITRIVIN used.

A **accurate** result is true to the "true" value.

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How to
analyse my
control chart?



How to analyse my control chart?

Attention, this interpretation is only valid if the consecutive control results are obtained in reproducibility conditions

The results curve oscillates in a random way around the target value and within the control limit

Upper or lower trend
You notice that several consecutive points are above or below than the average

Increasing or decreasing trend
You notice that several consecutive points are regularly increasing or decreasing

One point is between the warning limits and the control limits

Our process is under control.
Your results are reliable and accurate

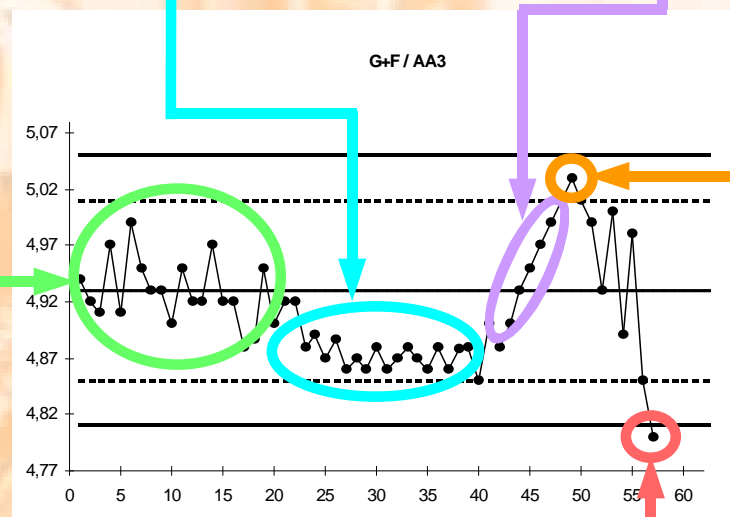
There is a reliability problem
There is a bias

There is a deterioration of the reliability or/and the accuracy
There is a bias

Be careful with the next control result

Your process was under control

And now you notice :



The last point is outside a control limit

Confirm the result and take remedial actions if it is necessary

The preventive rules

- ⇒ If 9 consecutive points* are on the same side of the average (*upper or lower trend*)
- ⇒ If 6 consecutive points* increase or decrease (*increasing or decreasing trend*)
- ⇒ If 2 points* in 3 are between a warning limit and a control limit
- ⇒ If a result is outside the control limits

* these points can be repeatability averages due to different conditions (different day, different operators...)

**IT CAN SHOW A DRIFT
YOU MUST TAKE REMEDIAL ACTIONS**