## Keeping a lab notebook

Laboratory notebook is a legal permanent chronological record of the daily activities used to establish and support <u>originality</u>, <u>authenticity</u>, <u>reproducibility</u> and <u>traceability</u> of the research process.

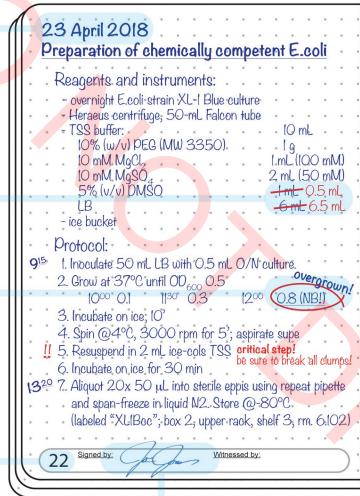
The amount of information recorded in a lab notebook should enable a professional to exactly reproduce the experimental results or trace source of errors.

each entry is dated

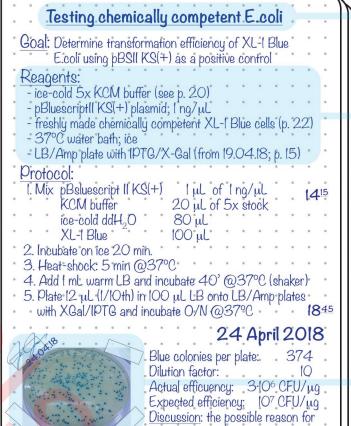
errors are clearly marked and corrected

deviations from protocol are clearly marked

all pages are consequtively numbered



each page is signed



labbooks are regularly witnessed

sed by: 25.04.18 23

entries have a title

all reagents are identified

printouts are glued into the book, signed and dated

- Date and time all entries
- 2 Outline the goal or the anticipated results
- **3** Identify and describe the reagents
- 4 Identify and describe the instruments' settings

- 5 Describe the experimental procedures
- 6 Note the observations and results
- 7 Include periodic factual summaries of the results
- 8 Make note of new ideas and hypotheses





USE HARD-BOUND BOOKS DO NOT USE PENCIL

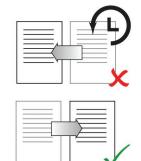


USE PERMANENT INK DO NOT OBLITERATE ORIGINAL RECORDS

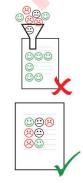


KEEP ORIGINAL NOTES VISIBLE

DO NOT FILL IN RETROACTIVELY



MAKES NOTES AS YOU GO DO NOT FILTER RESULTS



INCLUDE ALL RESULTS