

# Soap Testing Log Worksheet

Use this worksheet to record formulation details, observations, and results for each soap batch. Consistent testing and note-keeping is one of the most valuable habits a soap maker can develop.

## Batch Overview

Batch Name / Code: \_\_\_\_\_

Date Made: \_\_\_\_\_ Batch Size (oils weight): \_\_\_\_\_

Method:  Cold Process  Hot Process  Other: \_\_\_\_\_

Purpose of Test:

(e.g. new oil balance, colourant test, scent blend, process change)

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## Oil & Fat Formula

Oil / Fat	% of Recipe	Weight

Superfat %: \_\_\_\_\_ Water % / Lye Concentration: \_\_\_\_\_

## Additives & Colourants

Ingredient	Amount	When Added	Notes

## Scent / Essential Oil Blend (if used)

Total EO % or Weight: \_\_\_\_\_

Essential Oil	Weight

Behaviour at Trace:  Normal  Accelerated  Discoloured  Seized

Notes:

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## Process Observations

Temperatures at Mix (oils / lye): \_\_\_\_\_

Trace:  Light  Medium  Thick

Pour:  Smooth  Thick  Difficult

Gel Phase:  Yes  Partial  No

Unmould Time: \_\_\_\_\_

Additional Notes:

## Cure & Performance Notes

Week 1

Hardness:  Soft  Medium  Firm

Lather:  Low  Moderate  High

Notes: \_\_\_\_\_

Week 4–6 (Fully Cured)

Hardness:  Soft  Medium  Firm

Lather:  Creamy  Bubbly  Both

Skin Feel:  Drying  Balanced  Conditioning

Longevity in Use:  Low  Moderate  High

Notes: \_\_\_\_\_

## Colour Results

Initial Colour: \_\_\_\_\_

Colour After Cure: \_\_\_\_\_

Fading / Morphing Observed?  Yes  No

Notes:

## Final Evaluation

What Worked Well:

What Needs Adjusting:

Changes for Next Batch:

**Reminder:** Test one variable at a time where possible. Clear notes today save confusion later.