



## Logwood

- Copper
- Time in bath (if you know) or number of dips (indigo)
- any other notes



## Logwood

- Iron
- Time in bath (if you know) or number of dips (indigo)
- any other notes

# Biochromes

Fabricademy 2025-2026

# Preparation

| Material                    | Scour                                                            | Mordant                                                             | Fixative                           |
|-----------------------------|------------------------------------------------------------------|---------------------------------------------------------------------|------------------------------------|
| <b>Cotton-viscose blend</b> | Boil in sodium carbonate + water for 1 hour, rinse               | DIY 3-acetate cold immersion bath, allow to fully dry before fixing | Wet in percarbonate + water before |
| Wool                        | Heat gently in mordant bath for 1 hour, allow to cool in the pot | potassium aluminum sulfate 15% WOF + pinch cream of tartar          | no                                 |
| Silk                        | Heat gently in mordant bath for 1 hour, allow to cool in the pot | potassium aluminum sulfate 15% WOF + pinch cream of tartar          | no                                 |

# Dye recipe (per pot)

Fiber + Dye (150% WOF\*) + Water = Dyed Fabric

\*Noted if dyestuff was less than 150% WOF

**30 g**

Fibers

**45 g**

Dyestuff

**1-2 L**

Water

**1-2 g**

pH Modifiers



## Cochineal

- Neutral
- Overnight



## Cochineal

- Neutral
- 40 mins



## Safflower

- Neutral
- 1 hour
- 40 grams (130% WOF)



## Safflower

- Neutral
- Overnight
- 40 grams (130% WOF), processed for red/pink, no heat



## Coreopsis

- Iron
- Overnight
- Heated then left to cool



## Coreopsis

- Neutral or modifier
- Placed in heated bath but left to cool and dye overnight



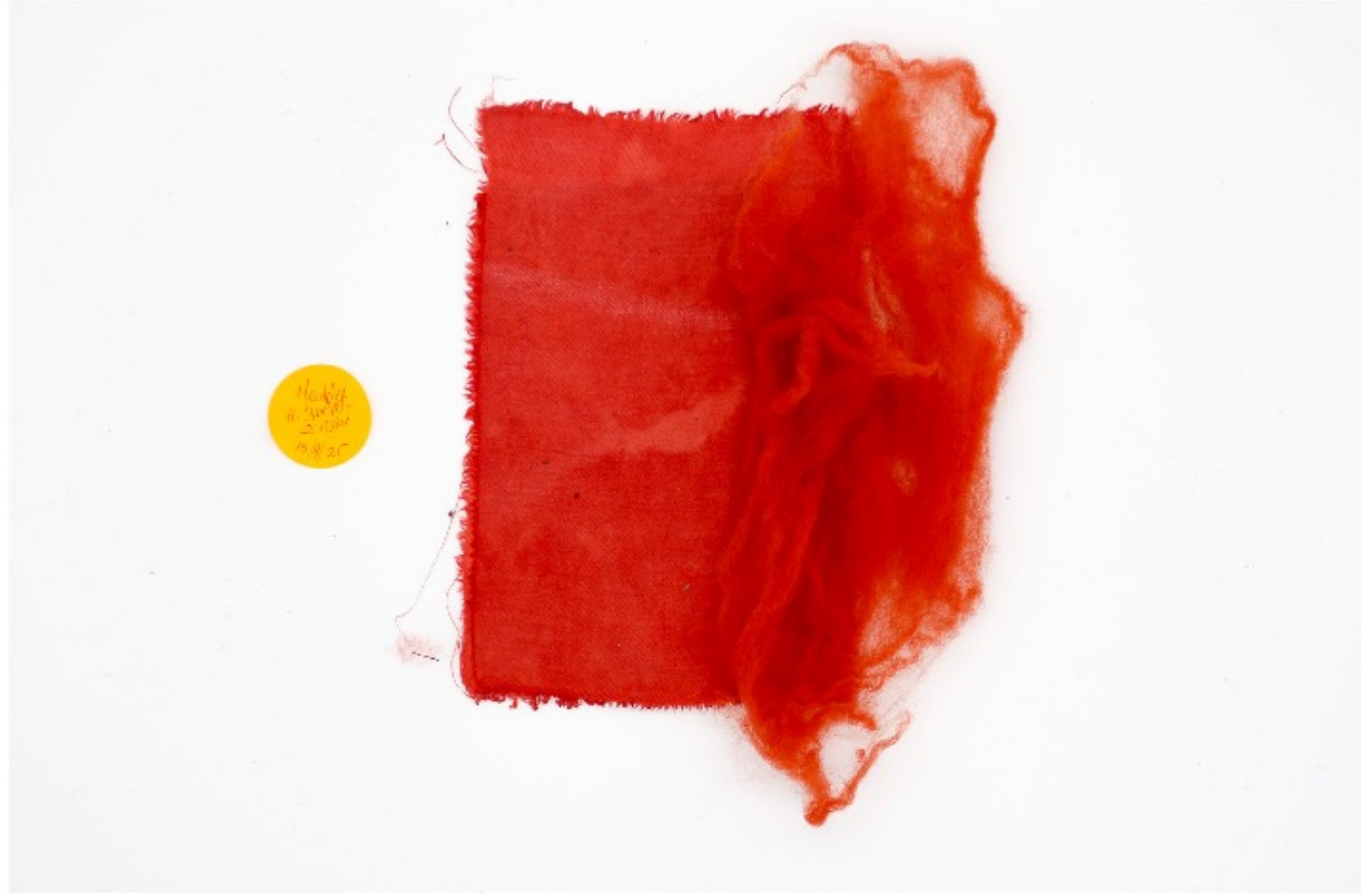
## Corepsis

- Neutral or modfdier
- 10 mins
- any other notes



## Madder and Weld

- Madder after weld
- 3 Hours



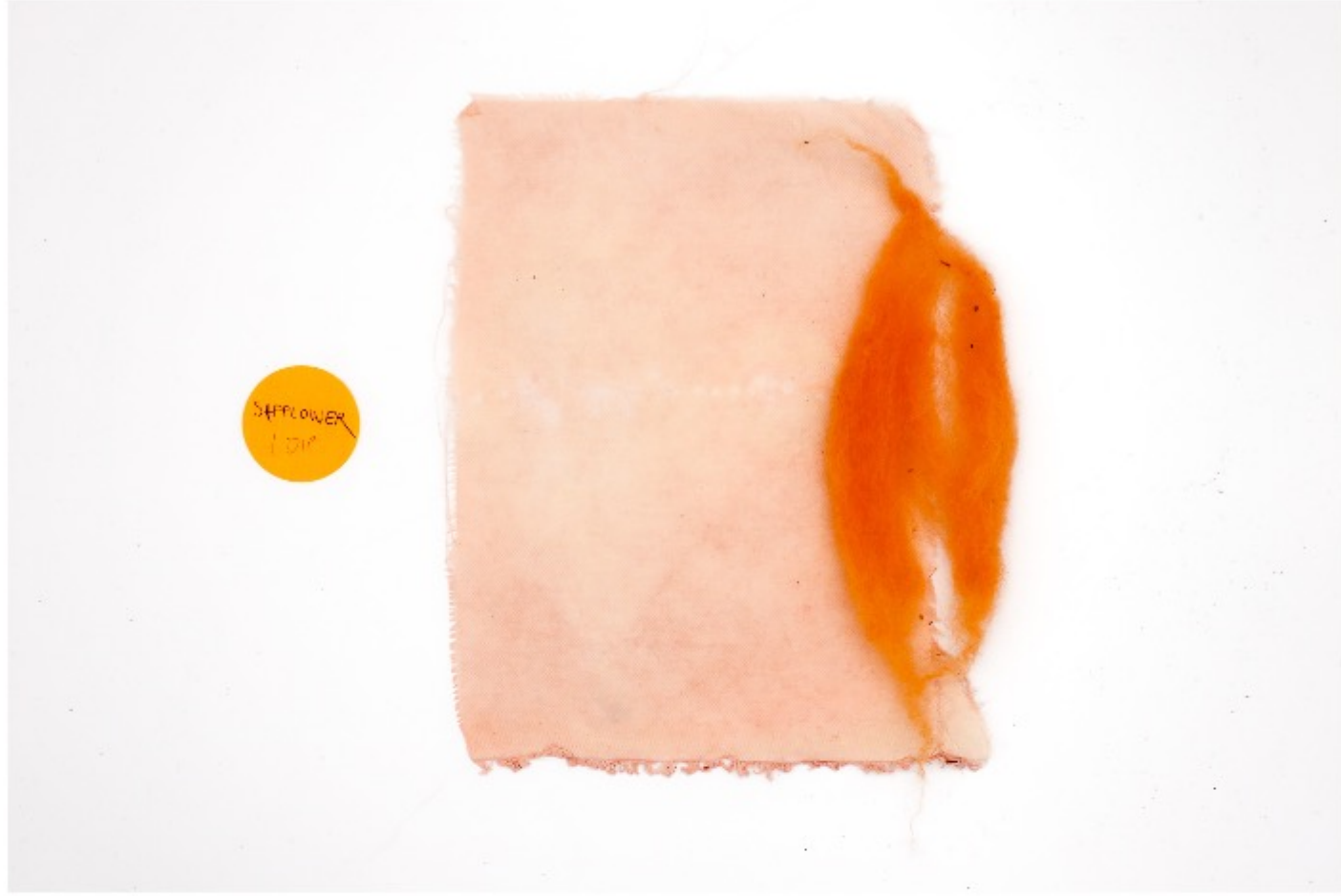
## Madder

- No modifiers
- 3 hours
- Do not heat above 50 degrees C



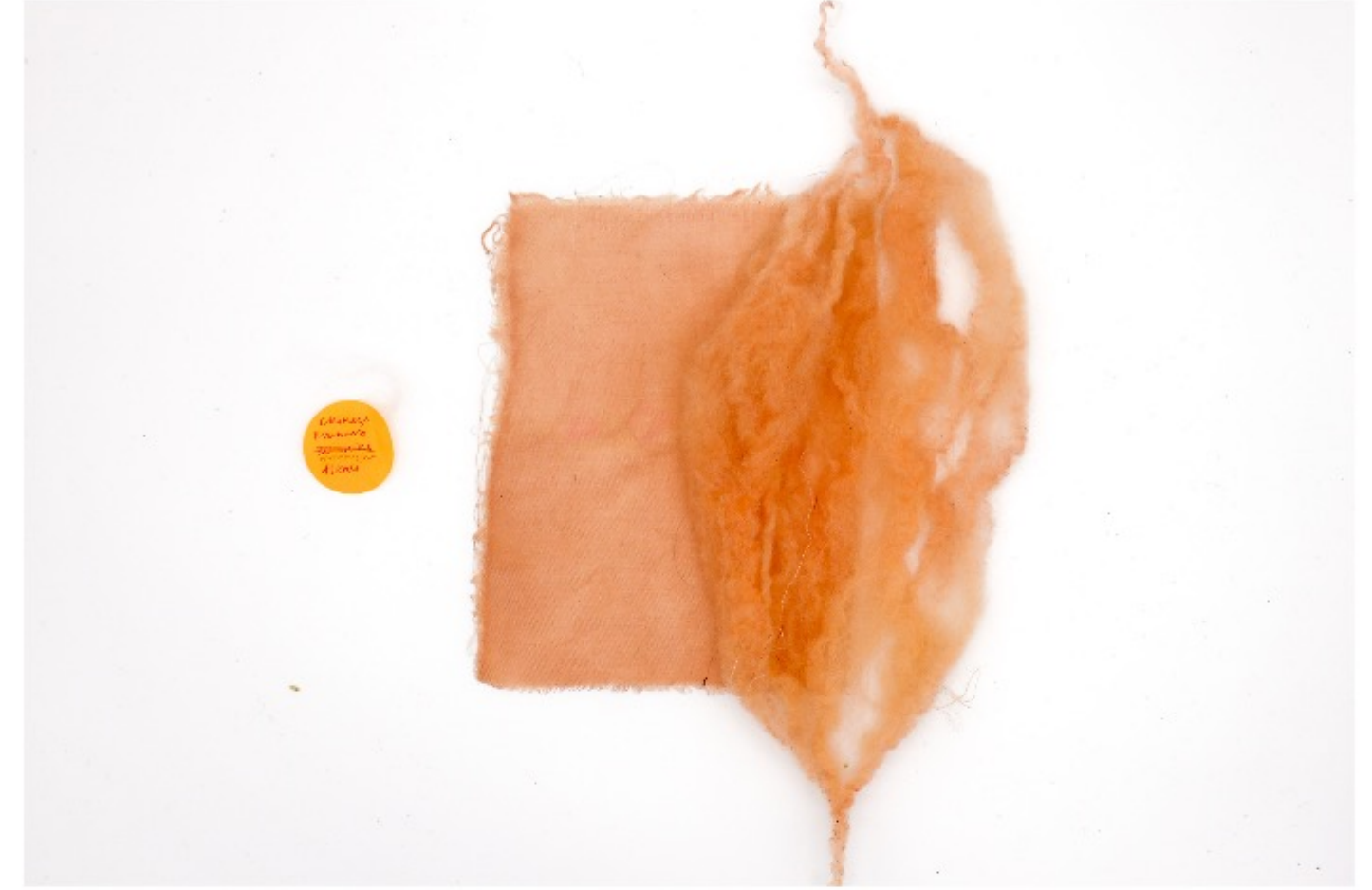
## Madder

- No modifiers



## Safflower

- Neutral
- Cloth dipped for only 1 or 2 minutes
- **Wool is not from safflower**, it got mixed up in the photo process



## Chinese Rhubarb

- Alkali (sodium carbonate)
- Left to dye overnight



## Marigold

- Neutral
- Overnight



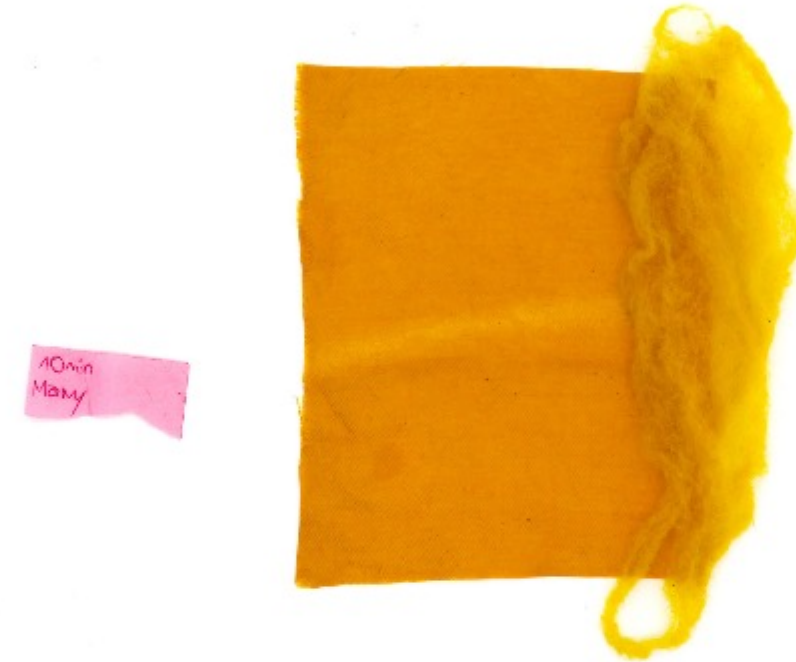
## Marigold

- Iron
- Overnight



## Marigold

- Iron
- 20 mins



## Marigold

- Neutral
- 10 mins



## Chinese Rhubarb

- Neutral
- Left overnight



## Logwood

- Citric Acid
- Overnight



## Chinese Rhubarb

- Iron
- Left to dye overnight
- Added to iron after fabric was dyed overnight, only in iron bath for a few minutes



## Red onion

- Citric acid
- Short time in dye bath



## Red Onion

- Citric Acid
- Layered on top of weld
- 30 mins



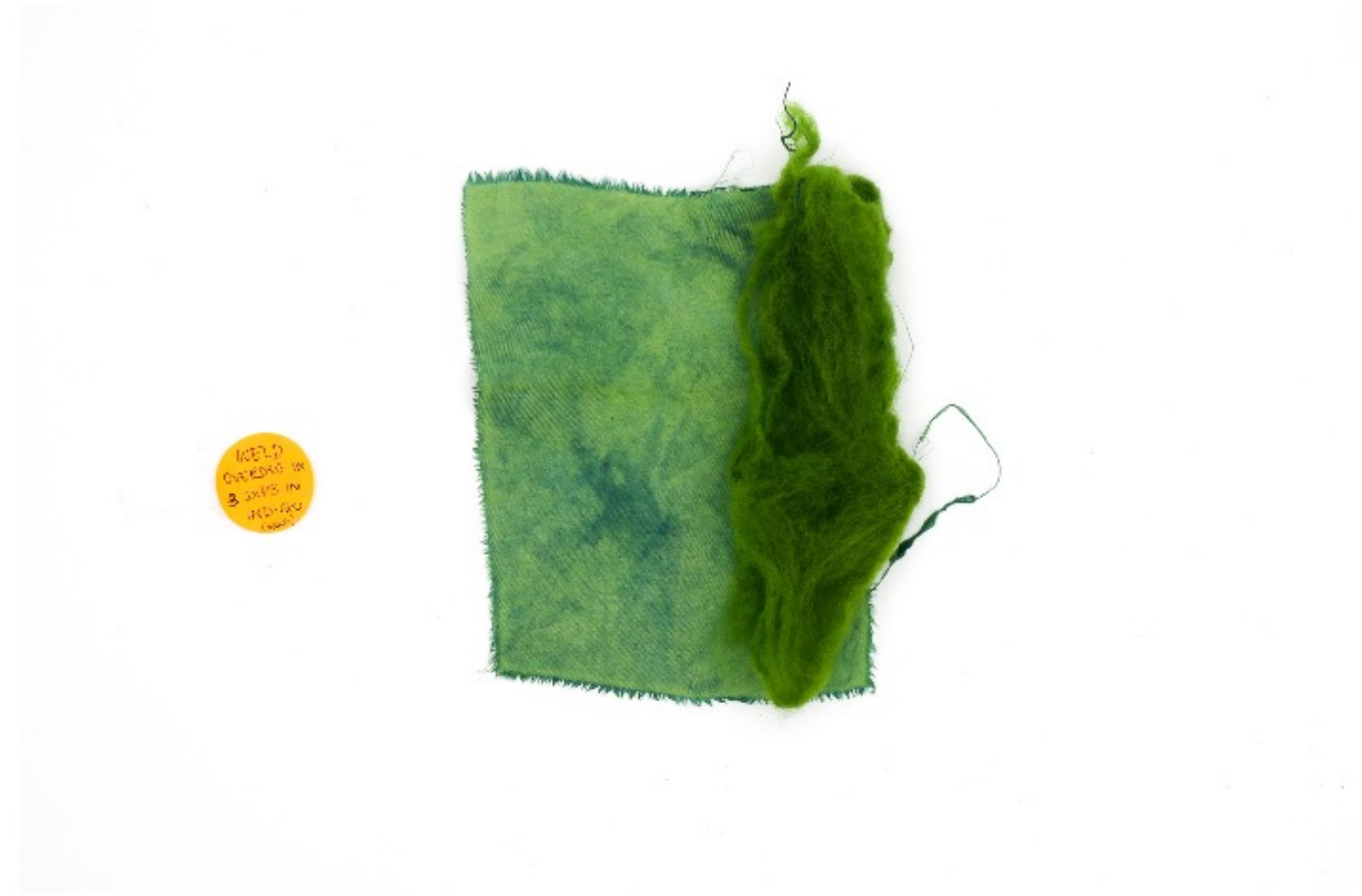
## Black Hollyhock

- Neutral
- Overnight
- Pigment may have been exhausted



## Weld & Indigo

- Neutral
- Weld Overnight & dried.
- 1 dip in Indigo



## Weld

- Neutral
- Overnight
- 3 dips in Indigo



## Black Hollyhock

- Iron
- Time in bath (if you know) or number of dips (indigo)
- any other notes



## Black Hollyhock

- Neutral
- 10 mins
- Heated



## Indigo

- Neutral
- Varied amount of dips
- Ranging 1 - 7 dips



## Indigo and Madder

- Neutral
- Short time in madder, several dips in indigo
- Half sheet in indigo and half sheet in madder



## Indigo

- Neutral
- 15 dips



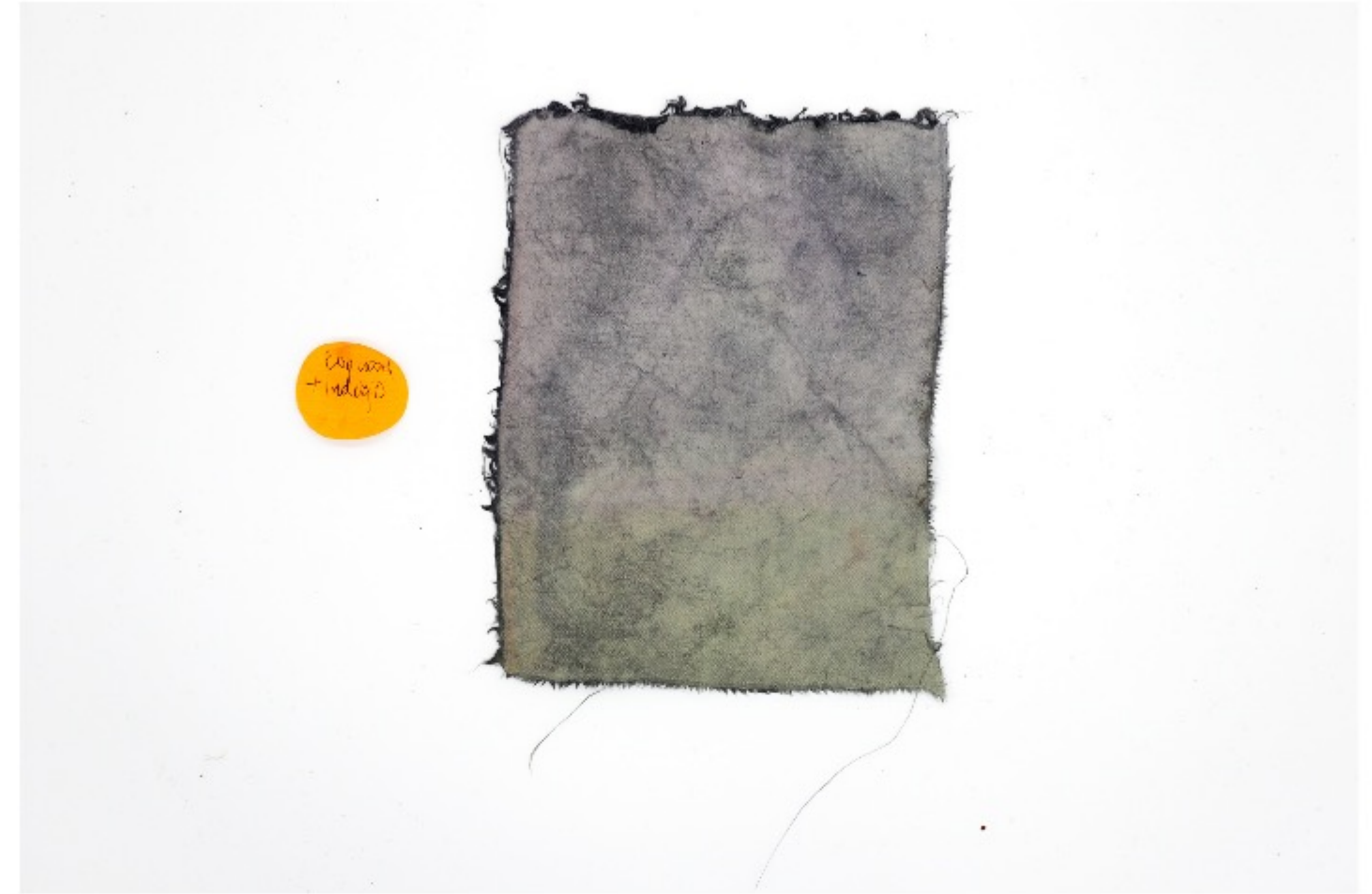
## Indigo

- Neutral
- Overnight



## Logwood

- Neutral
- 10 min
- The sheet had been in the logwood for 10 mins, then in logwood modified with cidric acid for 5 mins and then back again in logwood for 2 dips



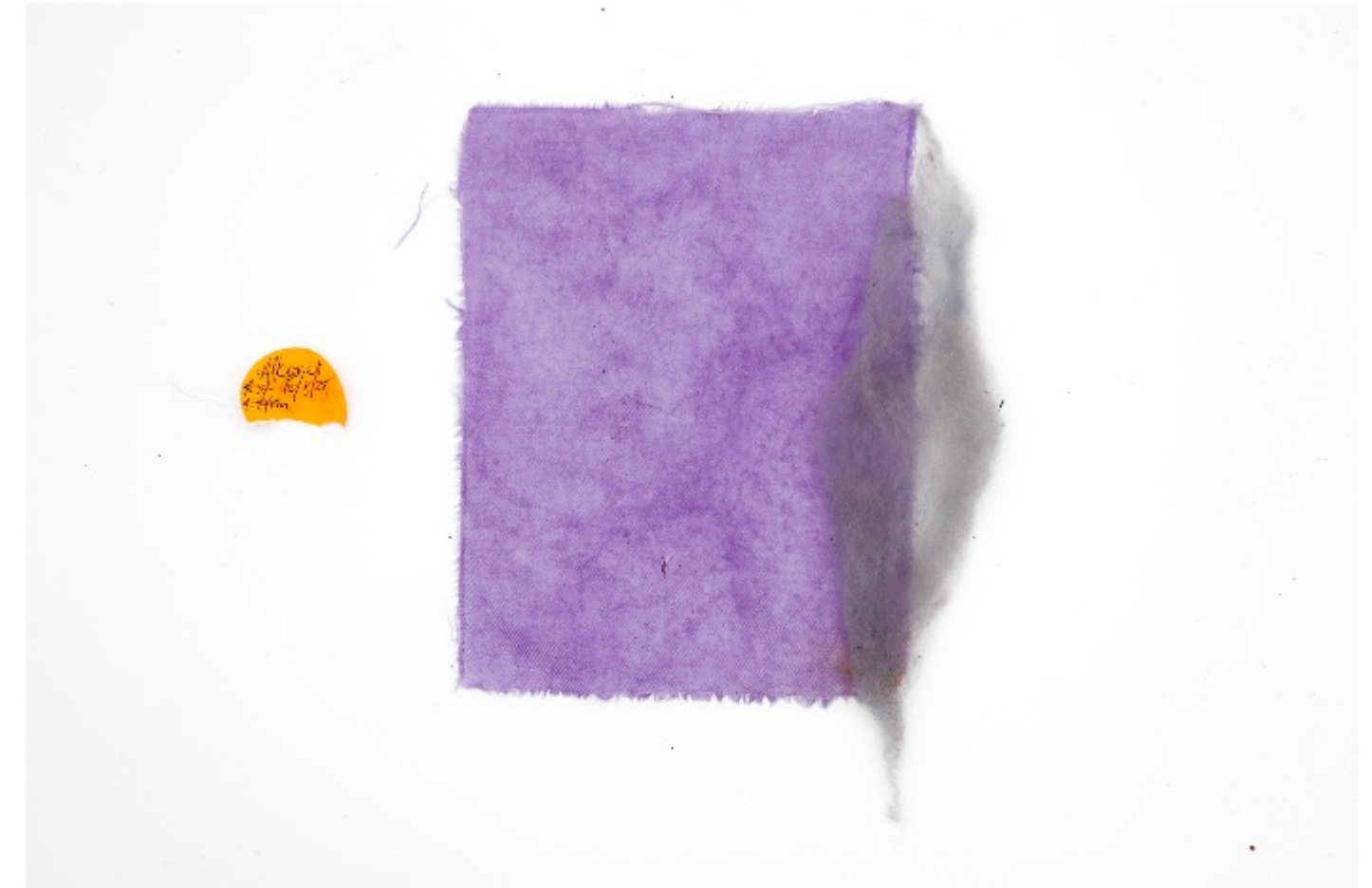
## Logwood

- Neutral
- Dipped in logwood
- Dipped in indigo



## Black Bean

- Neutral
- Overnight
- Oxidised every few hours



## Alkanet

- Neutral
- 10 mins



## Cochineal

- Neutral
- 5 mins



## Alkanet

- Neutral
- 4 mins
- Dipped in cochineal



## Logwood

- Neutral
- 2 mins



## Logwood

- Neutral
- 2+ hours



## Chinese Rhubarb

- Iron + Alkali
- In Alkali overnight, soaked in bath with iron in the morning for a few minutes



## Logwood

- Iron
- Time in bath (if you know) or number of dips (indigo)
- any other notes