

Painting out lake pigments in binding media

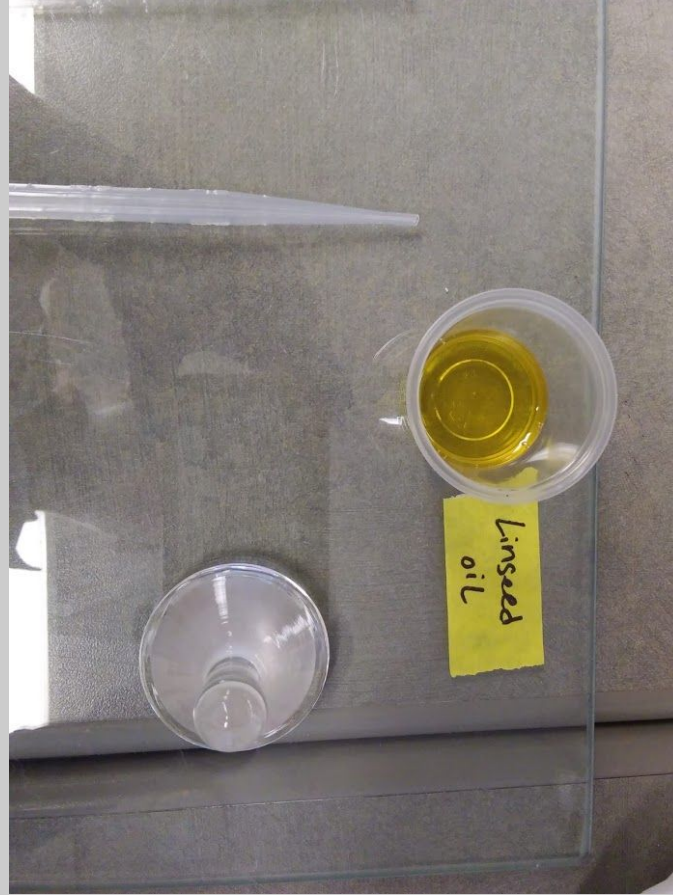
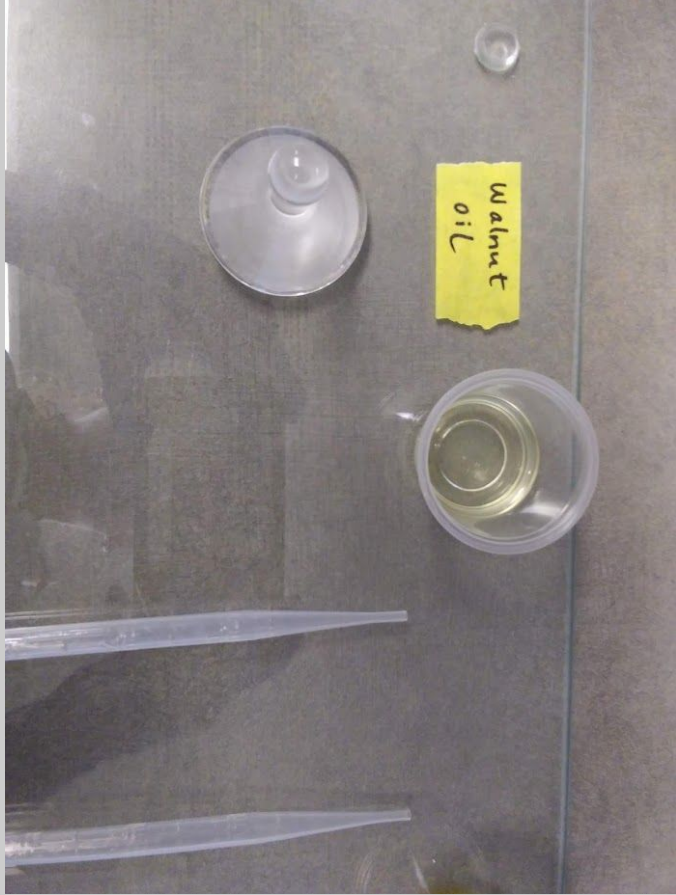
Spring 2019
Naomi Rosenkranz

SP19 cochineal lake standard reversed

See also linked field note presentation

	Gum Arabic	glair (egg white)	Tempera (egg yolk)		Linseed oil	Walnut oil
2019-03-07 Cochineal Lake Standard Reversed						
2019-03-18 Cochineal Lake Standard						
2017-05-18 Cochineal Lake (Silk Thread)						
2017-10-19 Cochineal Lake (Silk fertilic)						

Preparing oils as binding media

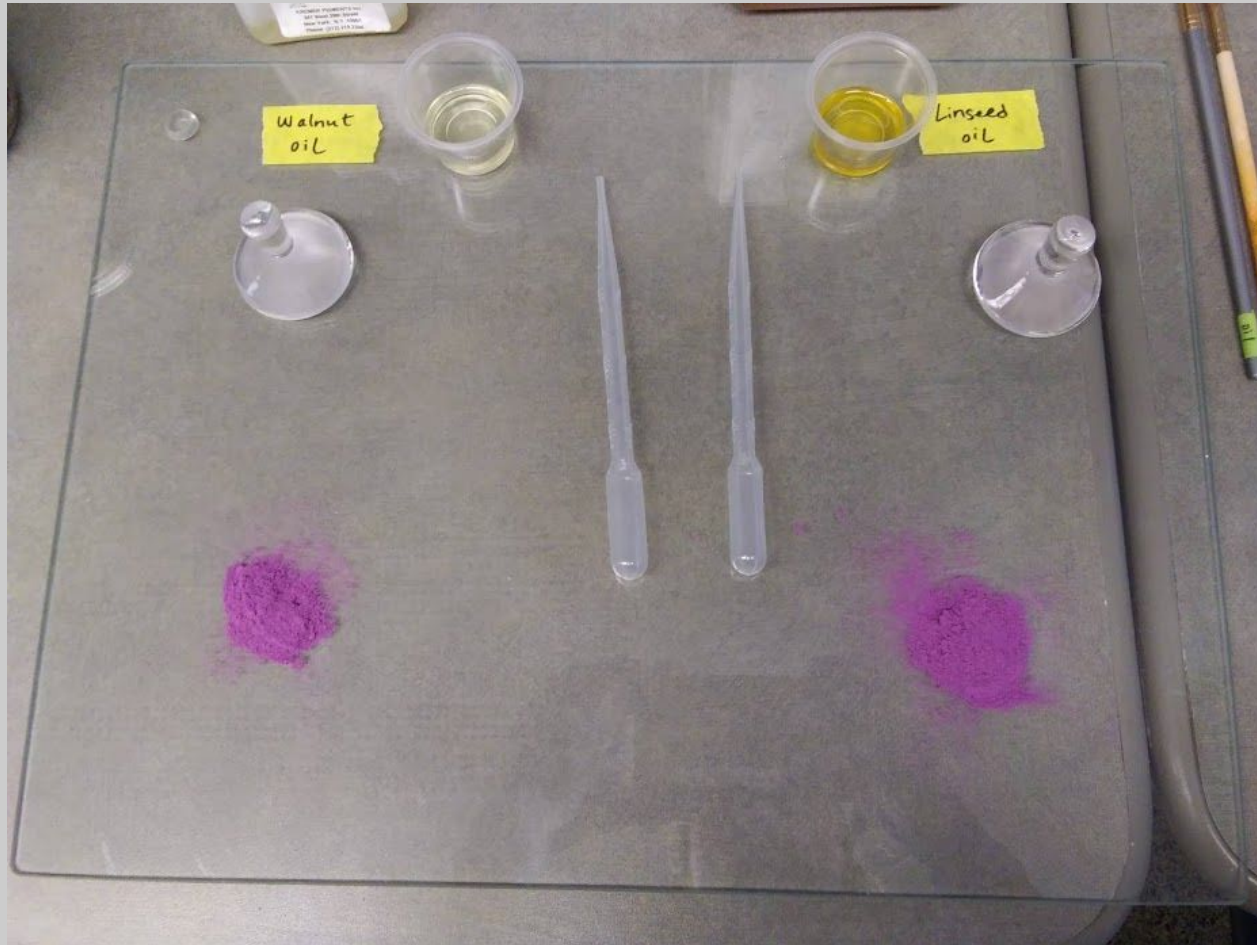


Preparing oils as binding media



Cochineal lake standard reversed
(CLSR)

Preparing oils as binding media



CLSR Pigment



CLSR Pigment



CLSR Pigment in linseed oil



To 0.5g of pigment, added 50 drops of linseed oil successively with a dropper.

Added 5 drops, then 10, then 15, then 20

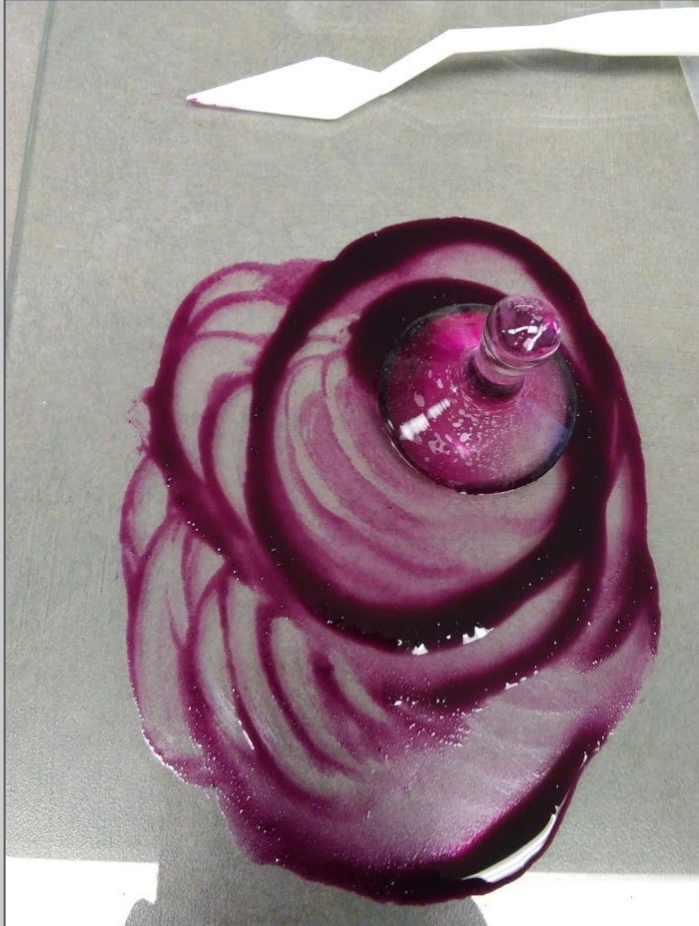
CLSR Pigment in linseed oil



CLSR Pigment in walnut oil



CLSR Pigment in walnut oil



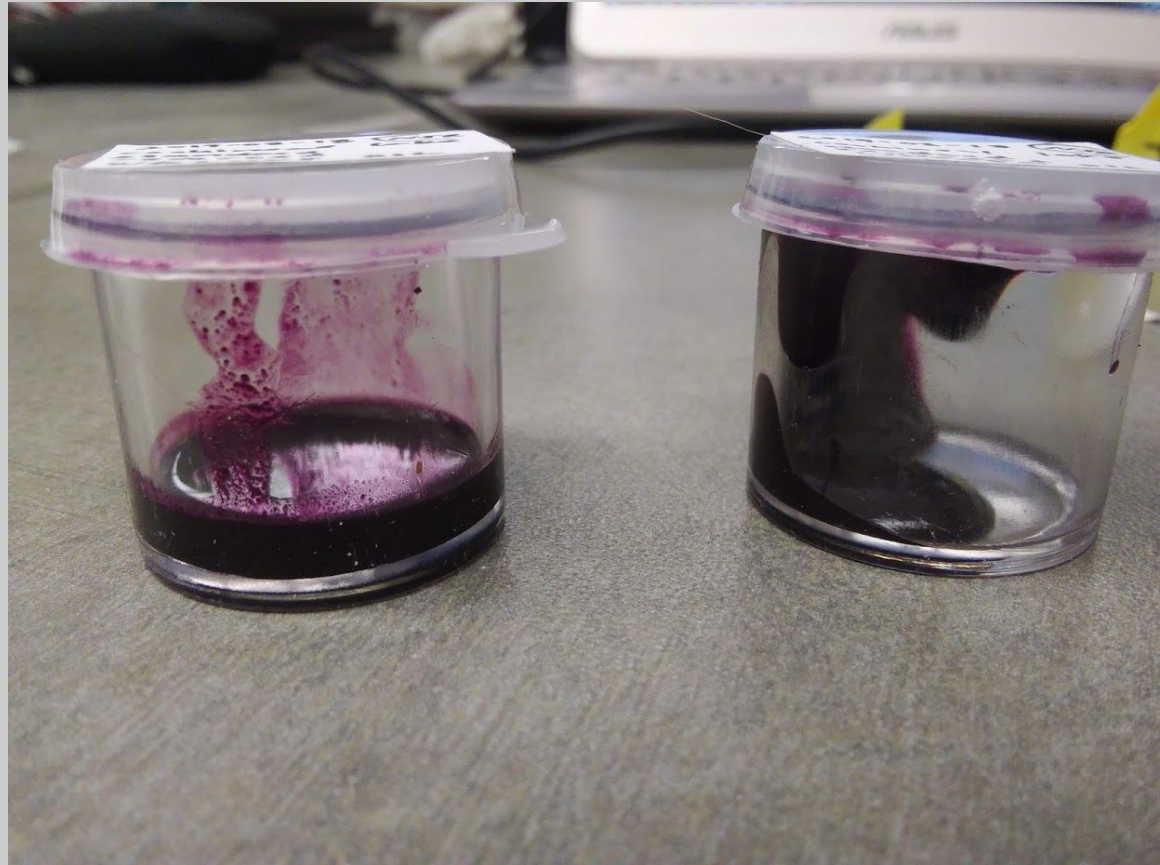
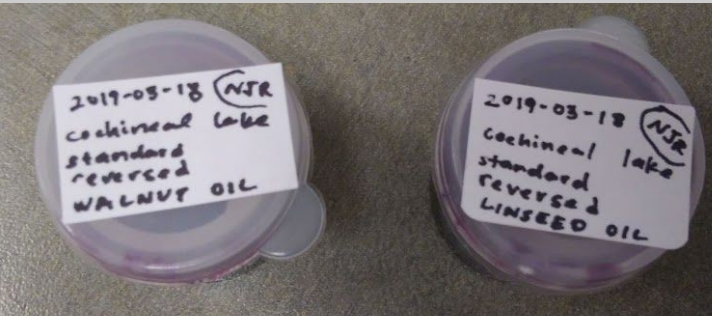
To 0.5g of pigment, added 45 drops of walnut oil successively with a dropper.

Added 10 drops, then 15, then 20.

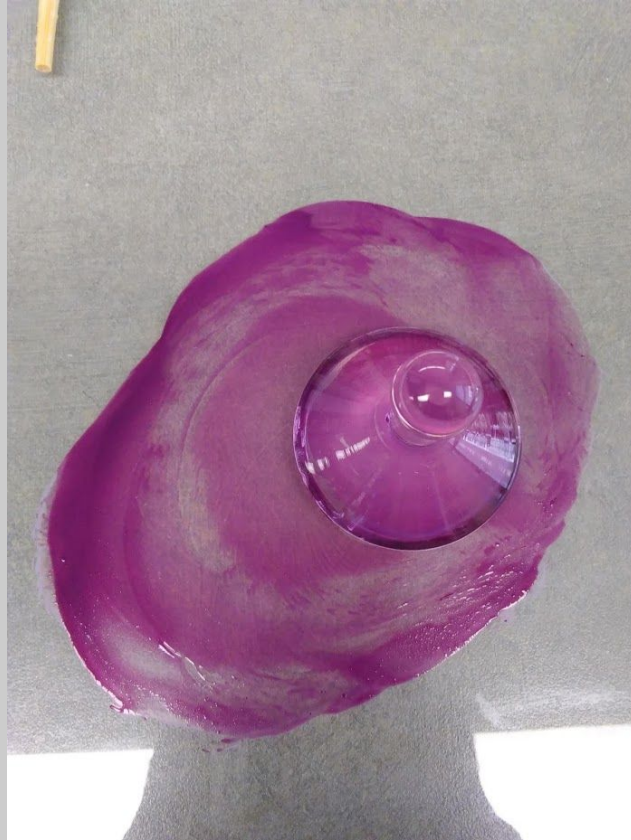
CLSR Pigment painted out in linseed and walnut oils

	Gum Arabic	glair (egg white)	Tempera (egg yolk)		Linseed Oil	Walnut Oil
2019-03-07 Cochineal Lake Standard Reversed						
						
						

CLSR Pigment in oils

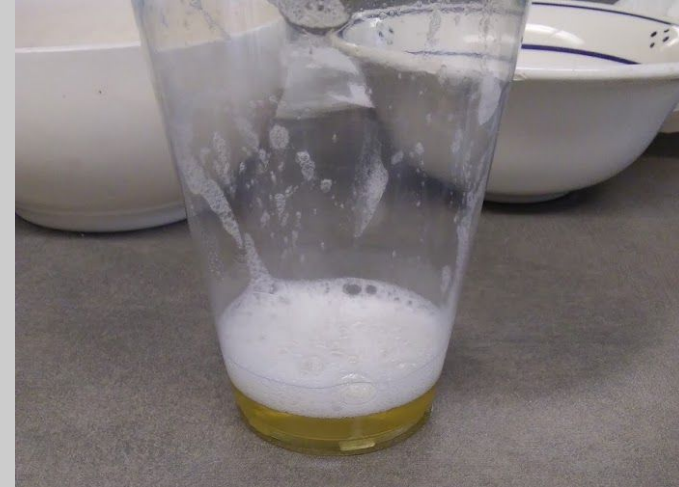


CLSR Pigment painted out in gum arabic



Prepared 1:10 gum arabic solution in water (2g gum arabic, 20ml water)

Preparation of egg white (glair) using sponge



Egg white was separated from egg yolk, and the stringy/white part (the chalaza) was removed.

The egg white was “frothed” a little by wringing it through a natural sponge until a bit of foam was formed.

It was then transferred into a cup to allow to settle and separate.

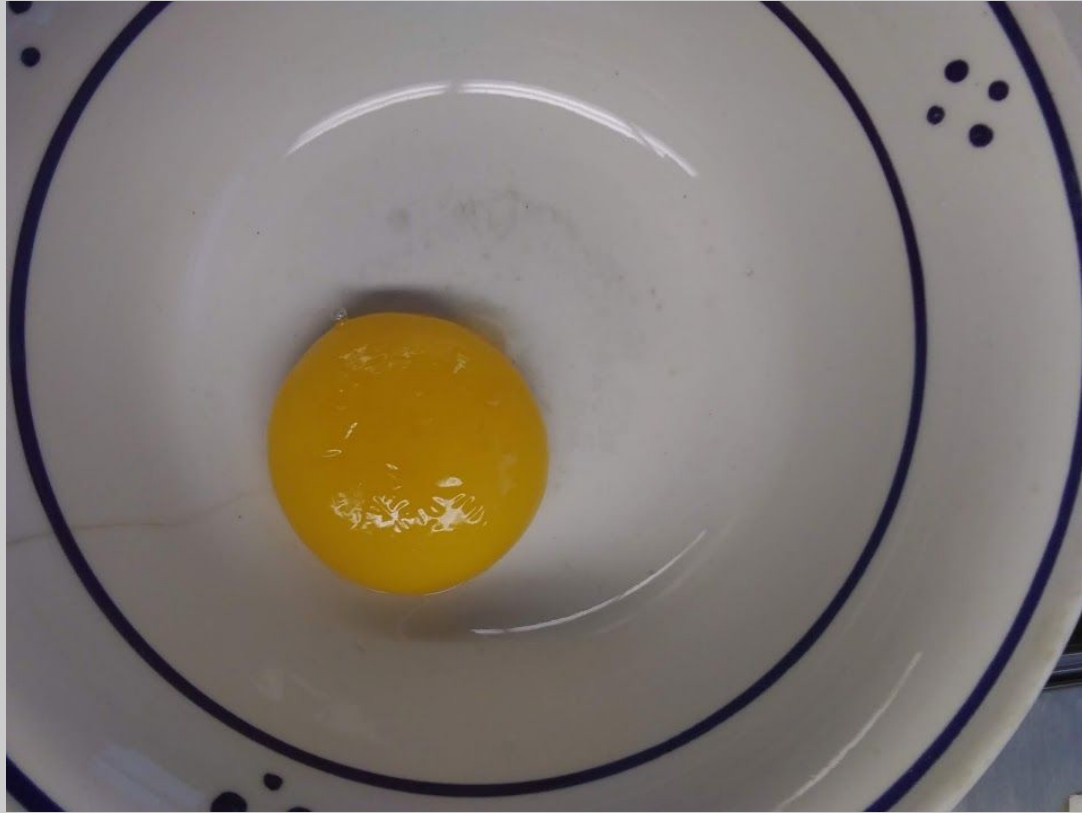
To use, a dropper was inserted to the bottom of the cup to obtain the clearest, non-foam part.

CLSR Pigment painted out in glair

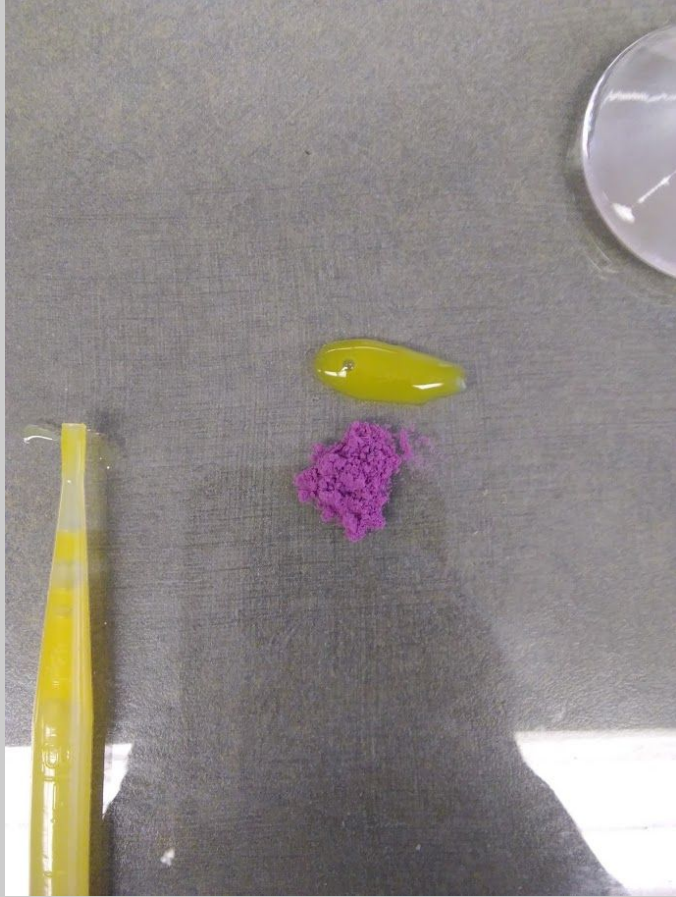


Small bubbles form as the egg white dries

Egg yolk (tempera)



CLSR Pigment painted out in egg yolk (tempera)



Gum
Arabic

Glair
(egg white)

Tempera
(egg yolk)

Linseed
Oil

Walnut
Oil

2019-03-07
Cochineal
Lake
Standard
Reversed

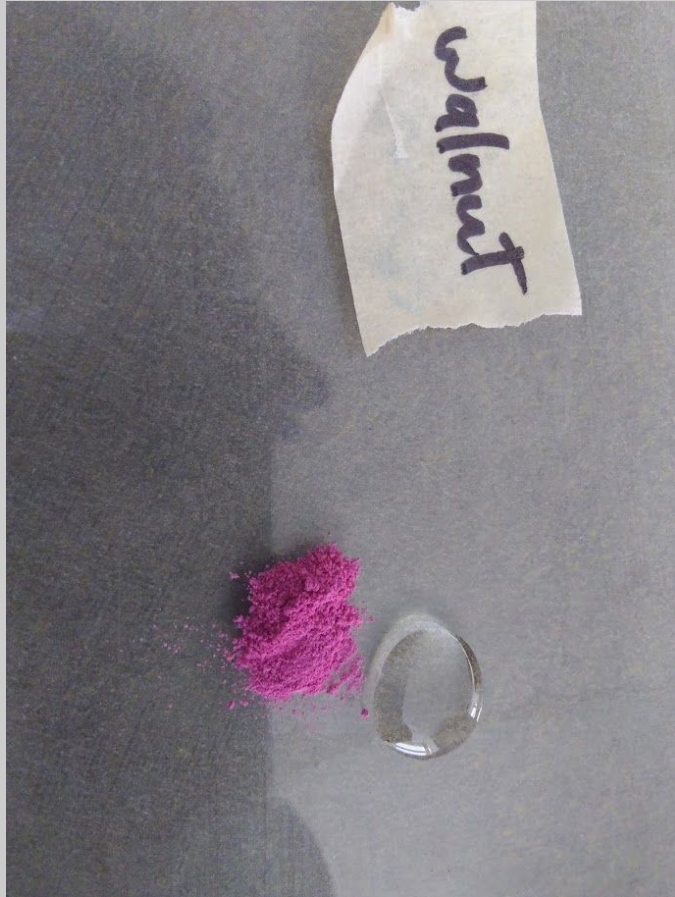


Cochineal lake standard (CLS)

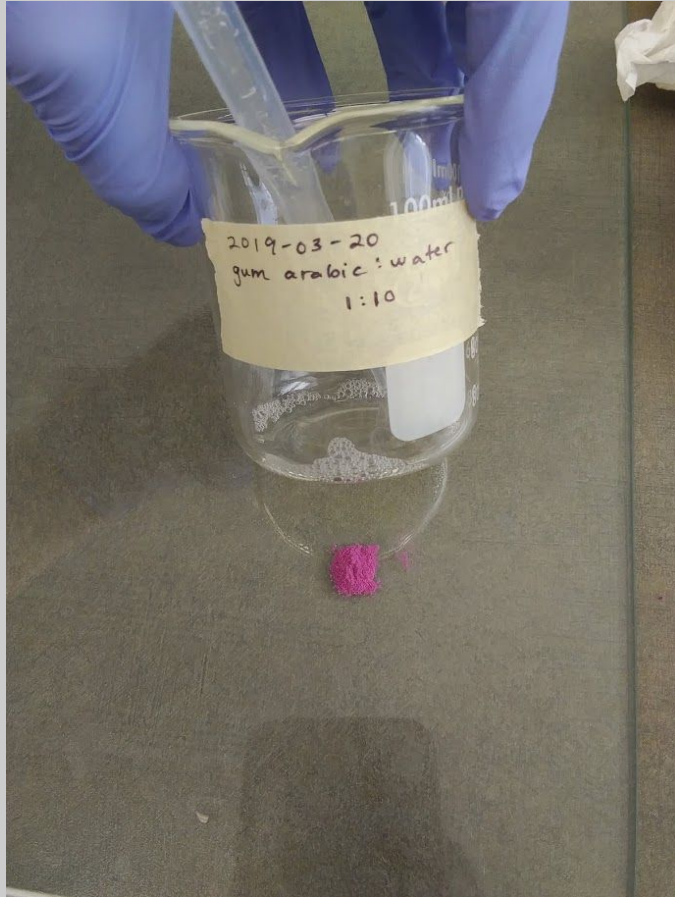
CLS Pigment in linseed oil



CLS Pigment in walnut oil



CLS Pigment in gum arabic



CLS Pigment in egg white glair



CLS Pigment in egg yolk tempera



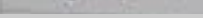
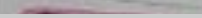
Gum
Arabic

glair
(egg white)

Tempera
(egg yolk)

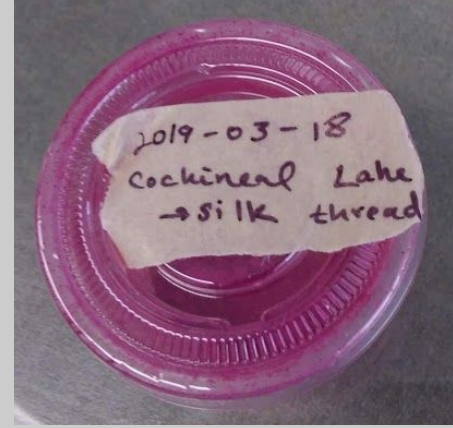
Linseed
oil

Walnut
oil



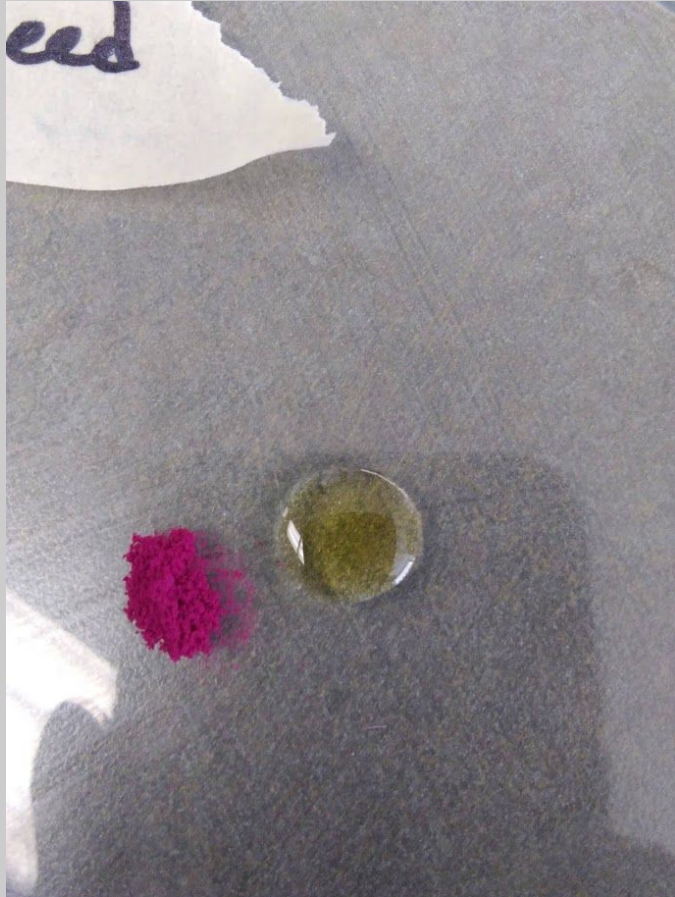
2019-03-07
Cochineal

2019-03-18
Cochineal
Lake
Standard



Cochineal lake from silk thread (CLST)

CLST Pigment in linseed oil



CLST Pigment in walnut oil



CLST Pigment in gum arabic



CLST Pigment in egg white glair



CLST Pigment in egg yolk tempera



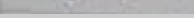
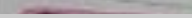
Gum
Arabic

glair
(egg white)

Tempera
(egg yolk)

Linseed
oil

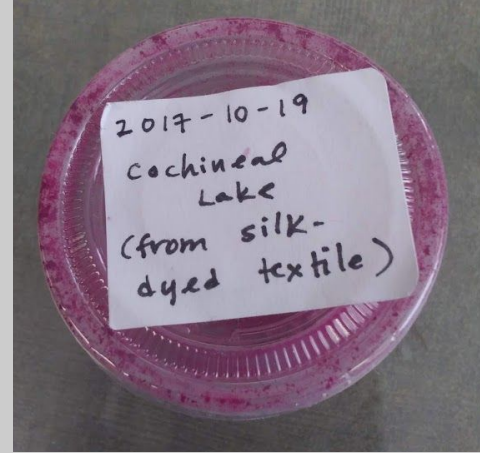
Walnut
oil



2019-03-07
Cochineal

2019-03-18
Cochineal
Lake
(Silk
Thread)



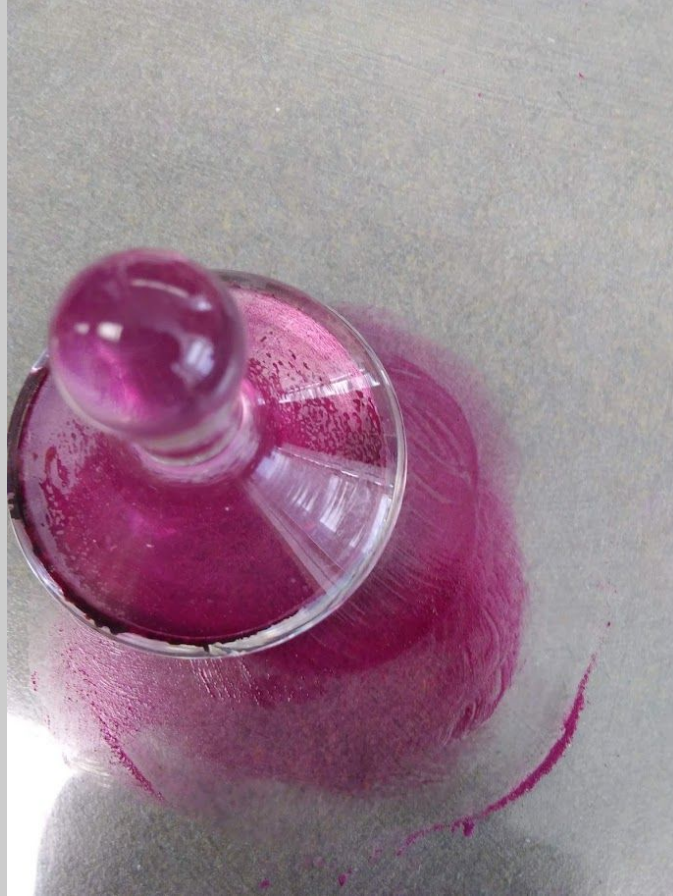


Cochineal lake from silk 2017(CLS17)

CLS17 Pigment in linseed oil



CLS17 Pigment in walnut oil



CLS17 Pigment in gum arabic



CLS17 Pigment in egg white glair



CLS17 Pigment in egg yolk tempera

