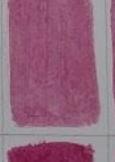


# Painting out lake pigments in binding media

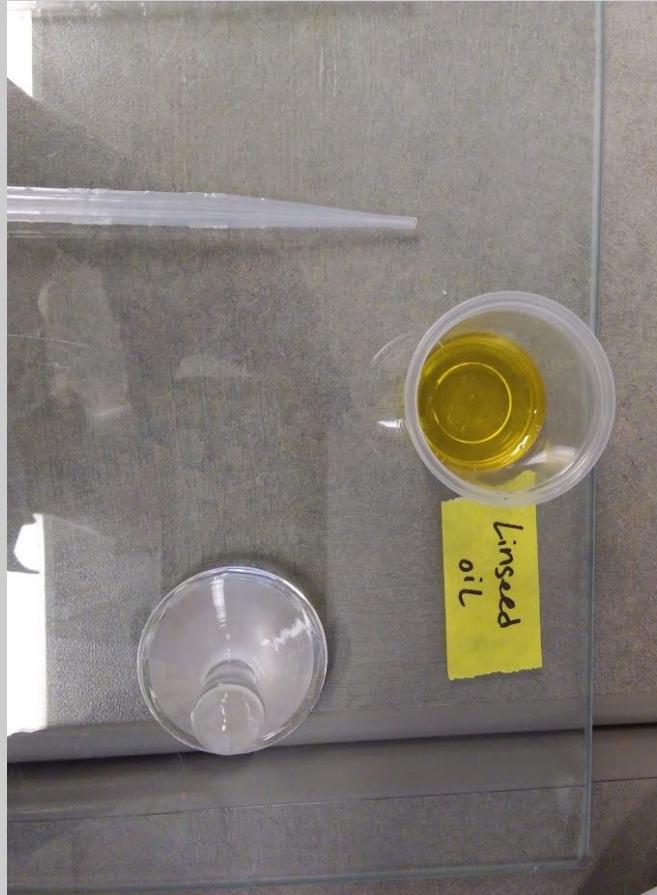
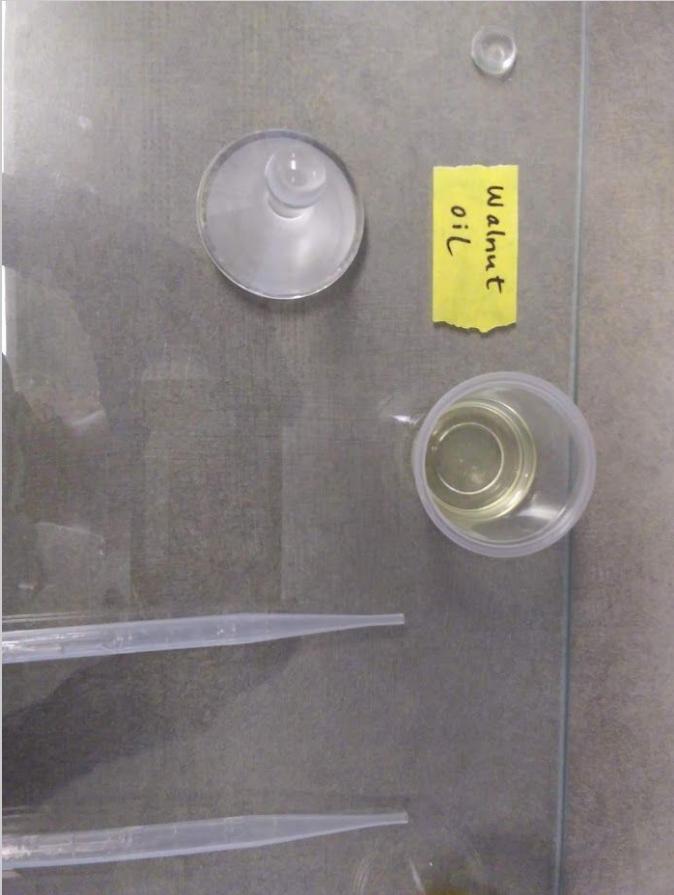
Spring 2019  
Naomi Rosenkranz

# 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					
2019-03-18 Cochineal Lake (Silk thread)					
2019-10-19 Cochineal Lake (Silk textile)					

# 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



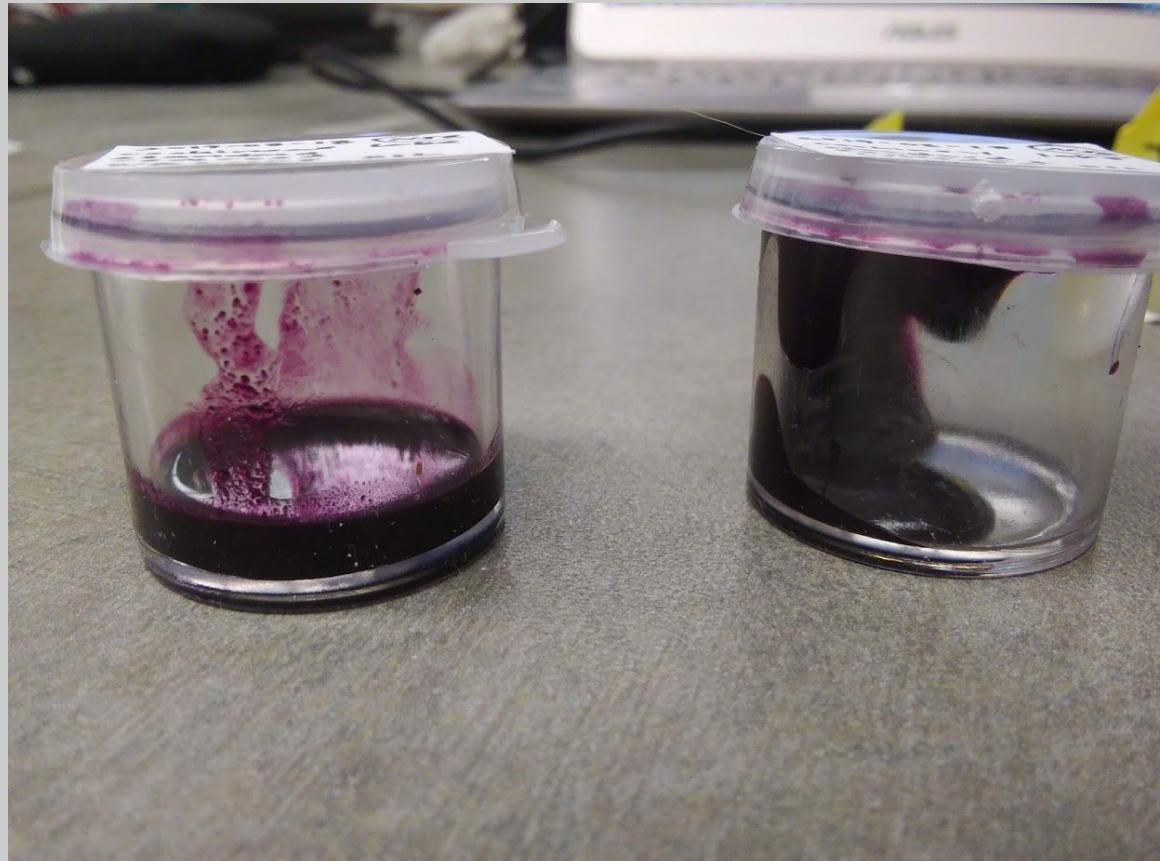
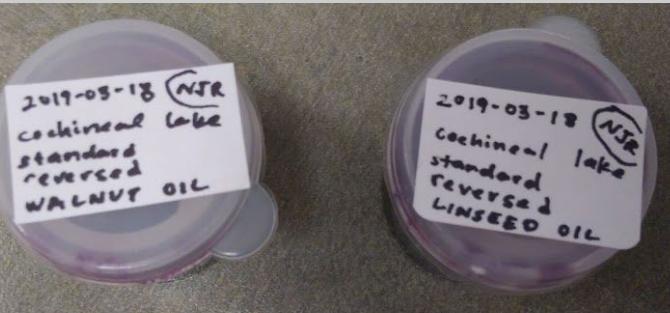
To 0.5g of pigment, added 45 drops of walnut oil successively with a dropper.

Added 10 drops, then 15, then 20.

# CLSR Pigment painted out in linseed and walnut oils



# CLSR Pigment in oils

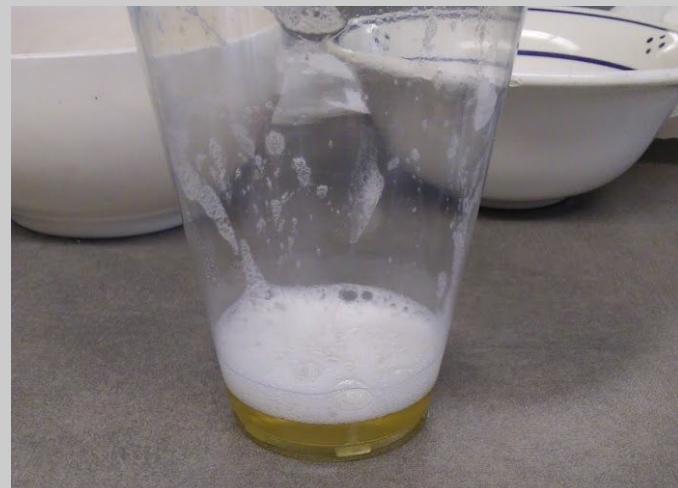


# CLSR Pigment painted out in gum arabic



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

# Preparation of egg white (glaire) 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.

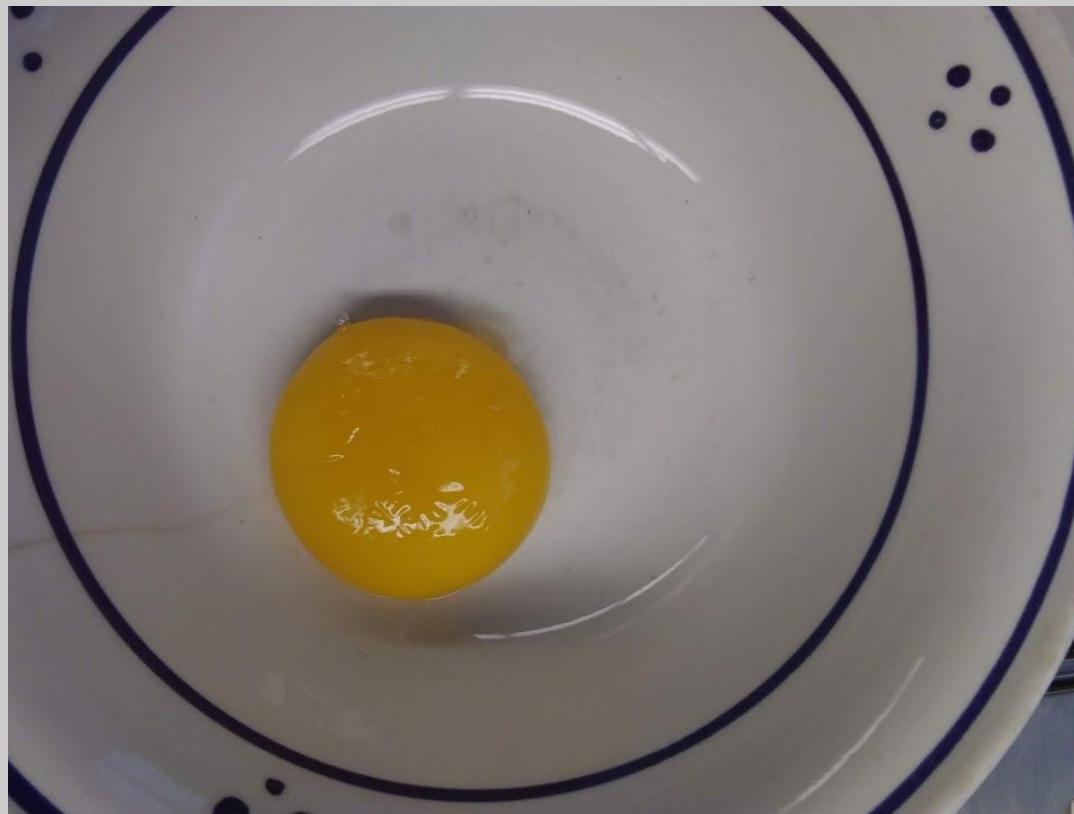
To use, a dropper was inserted to the bottom of the cup to obtain the clearest, non-foam part.

# 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

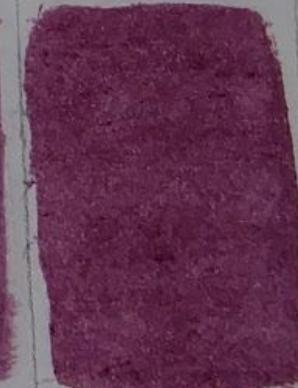
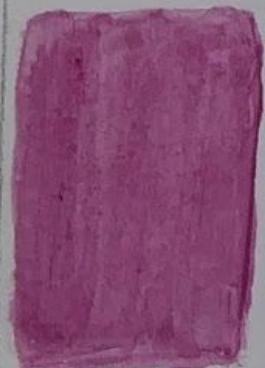
Oil

Walnut

Oil

2019-03-07

Cochineal  
Lake  
Standard  
Reversed

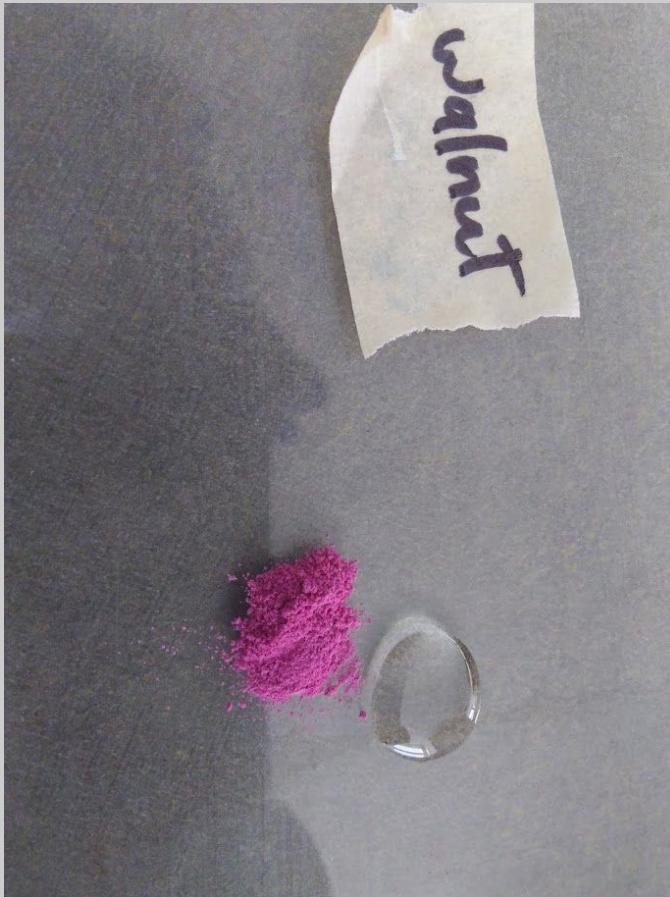


# Cochineal lake standard (CLS)

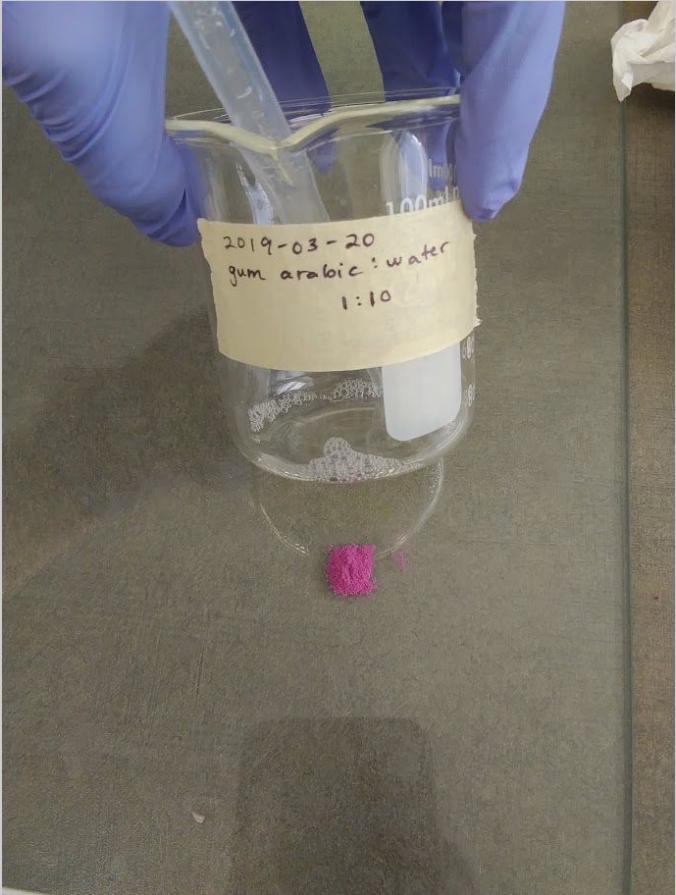
# CLS Pigment in linseed oil



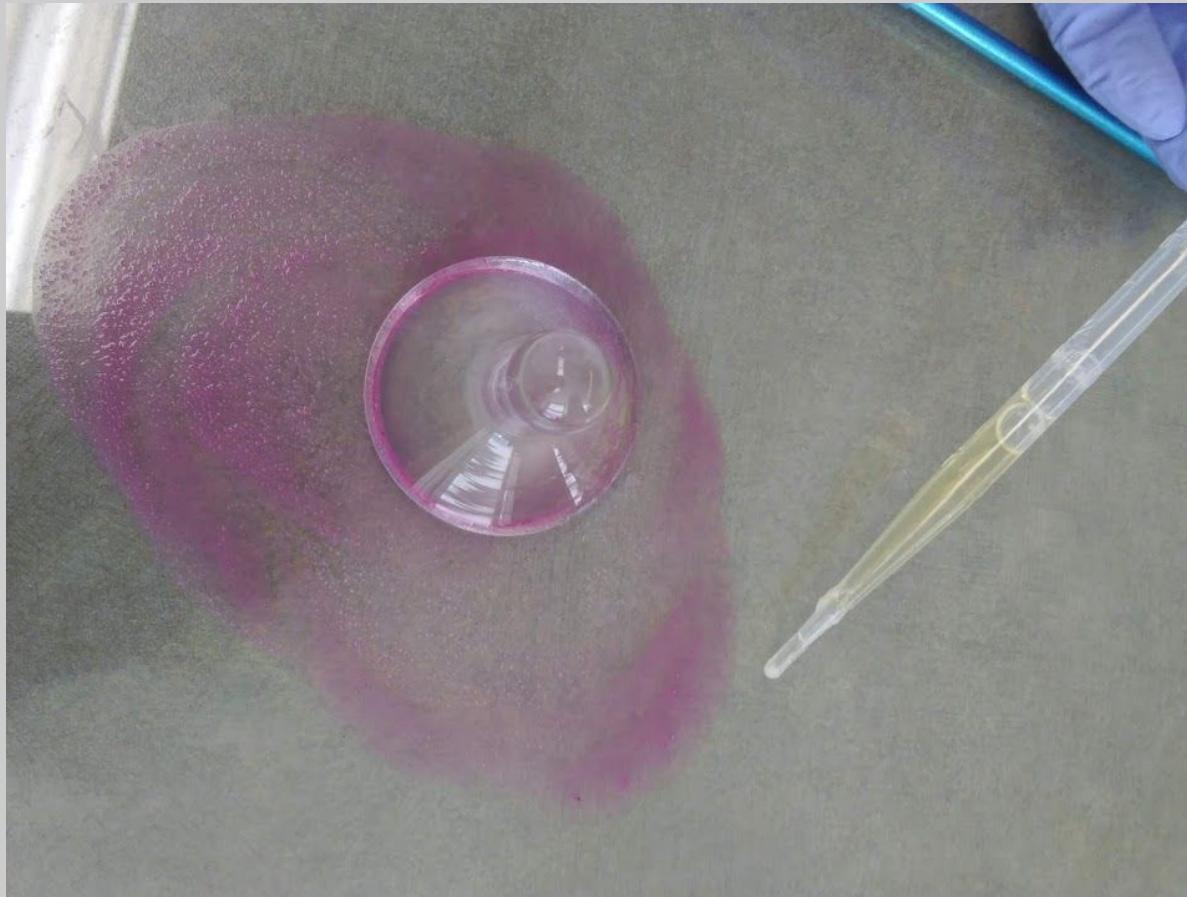
# CLS Pigment in walnut oil



# CLS Pigment in gum arabic

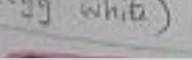
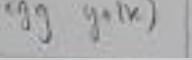


# CLS Pigment in egg white glair

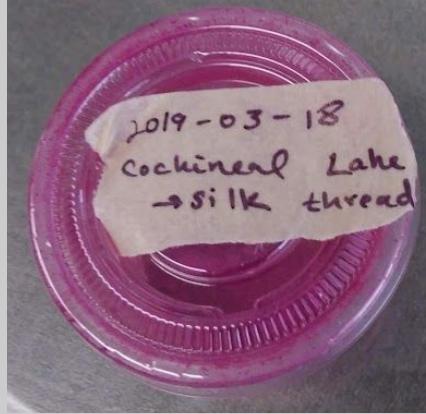


# CLS Pigment in egg yolk tempera



	Jum Arabic	Glaic (egg white)	Tempera (egg yolk)	Linseed Oil	Walnut Oil
2019-03-07 Cochineal					





# 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

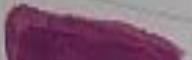


# CLST Pigment in egg yolk tempera



2019-03-07  
Cochineal

Jum  
Arabic



Glaic

(egg white)

Tempera  
(egg yolk)

Linseed  
Oil

Walnut  
Oil

2019-03-18

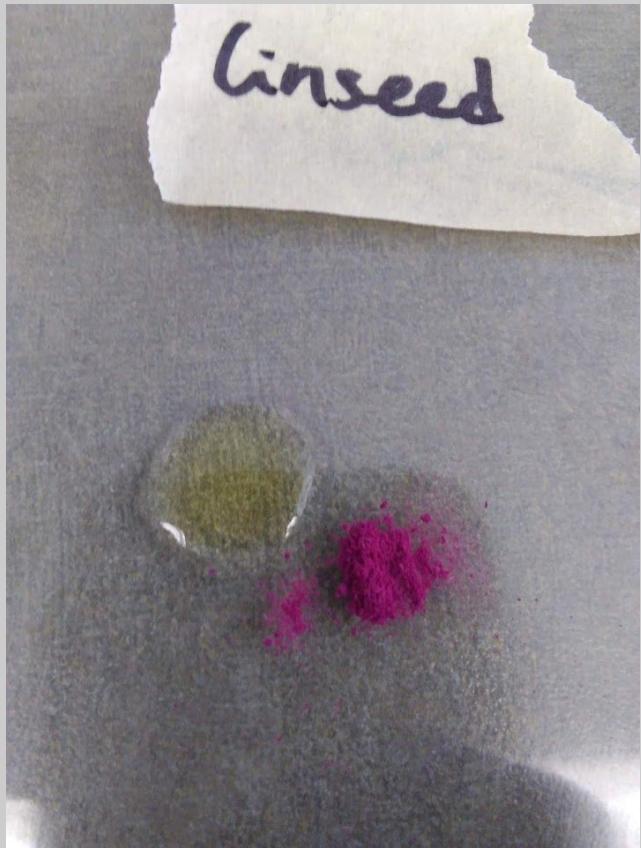
Cochineal  
Lake  
(Silk  
thread)



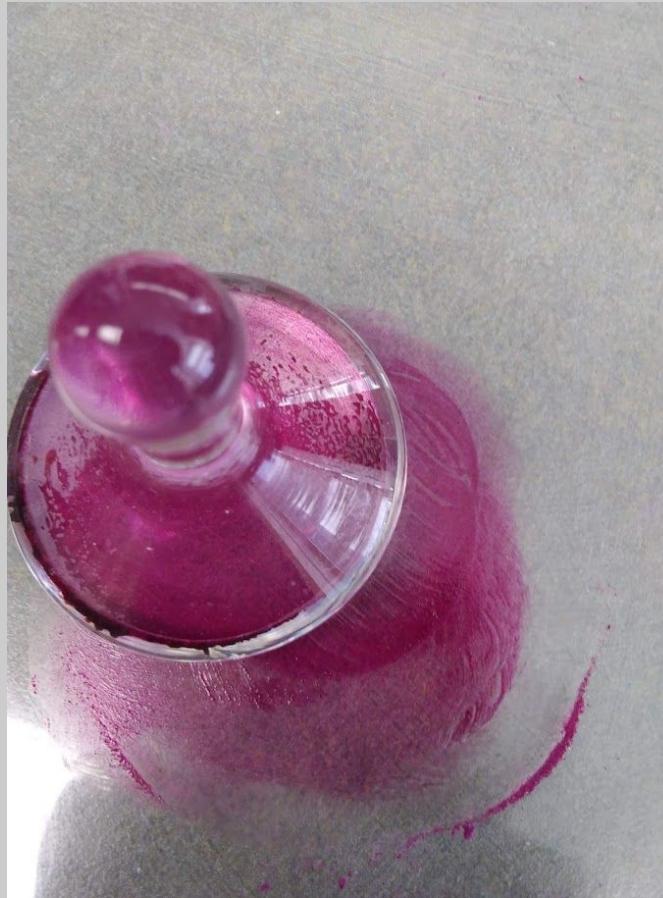


# Cochineal lake from silk 2017(CLS17)

# 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

