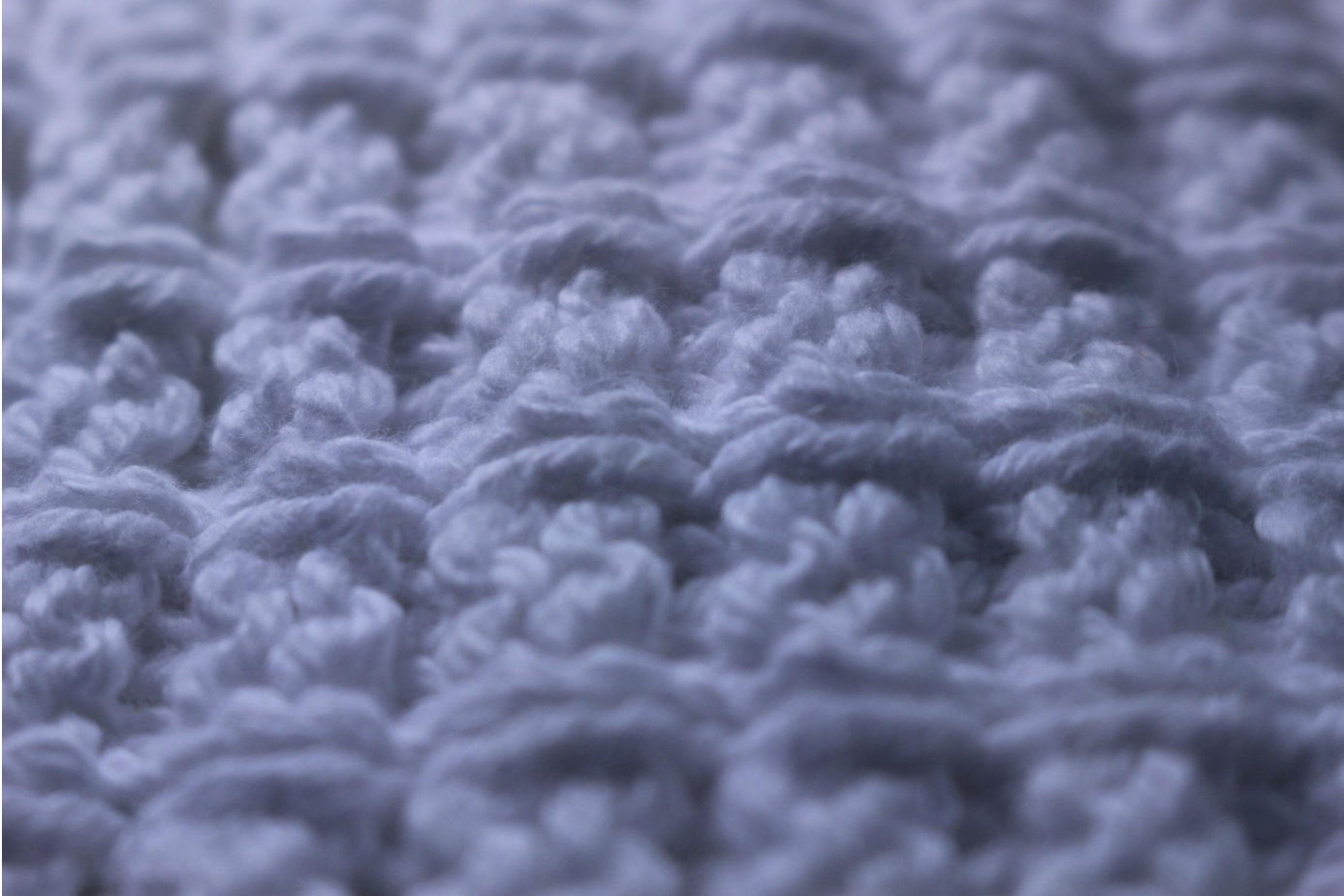


when the sky hung closer to the earth



the people sought to have more than simple cloth



they had a great hunger for beauty



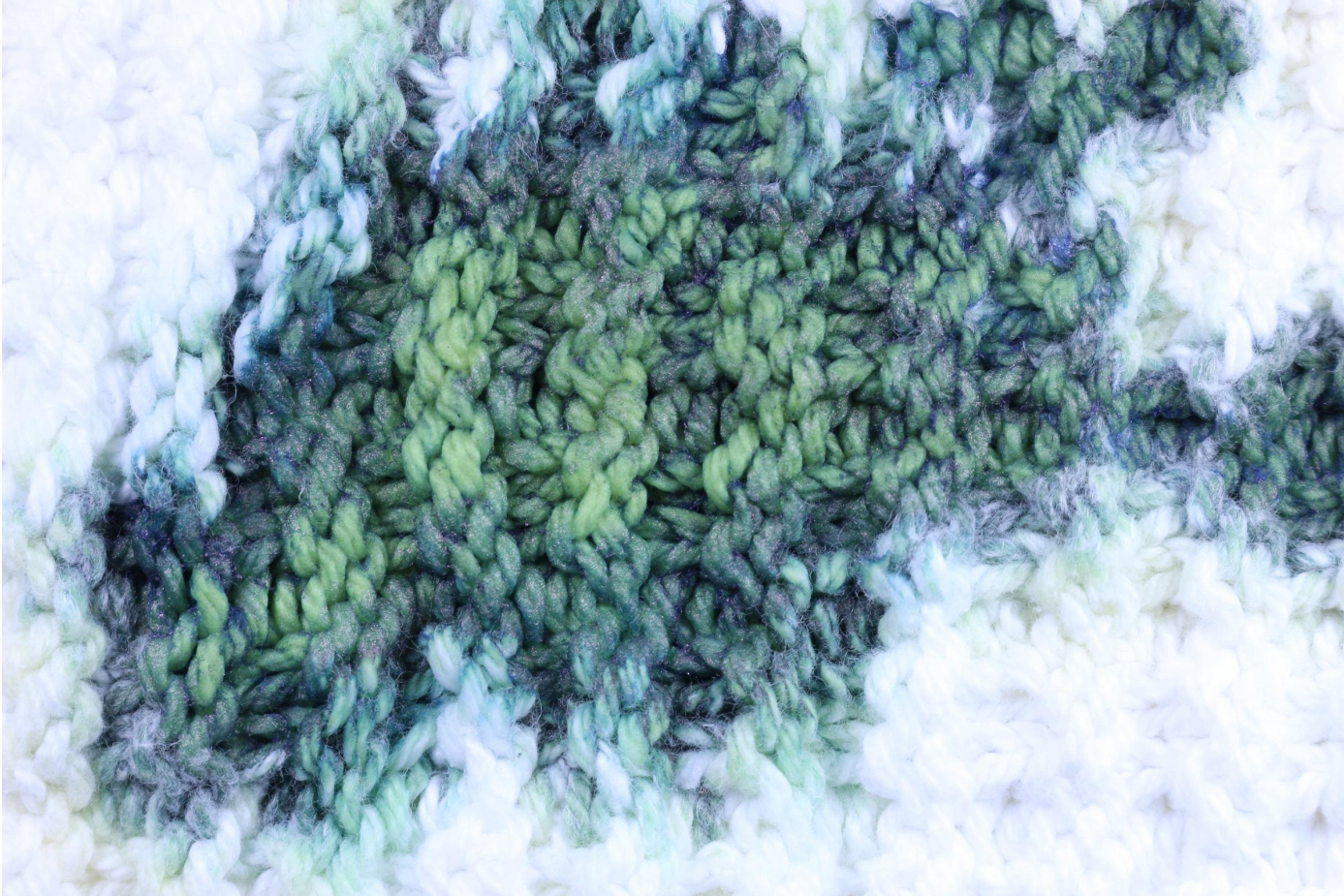
a hunger that was stronger than fear



and so they brought back a piece of the sky



and ate it



but a bit of the sky would not fulfill them for long



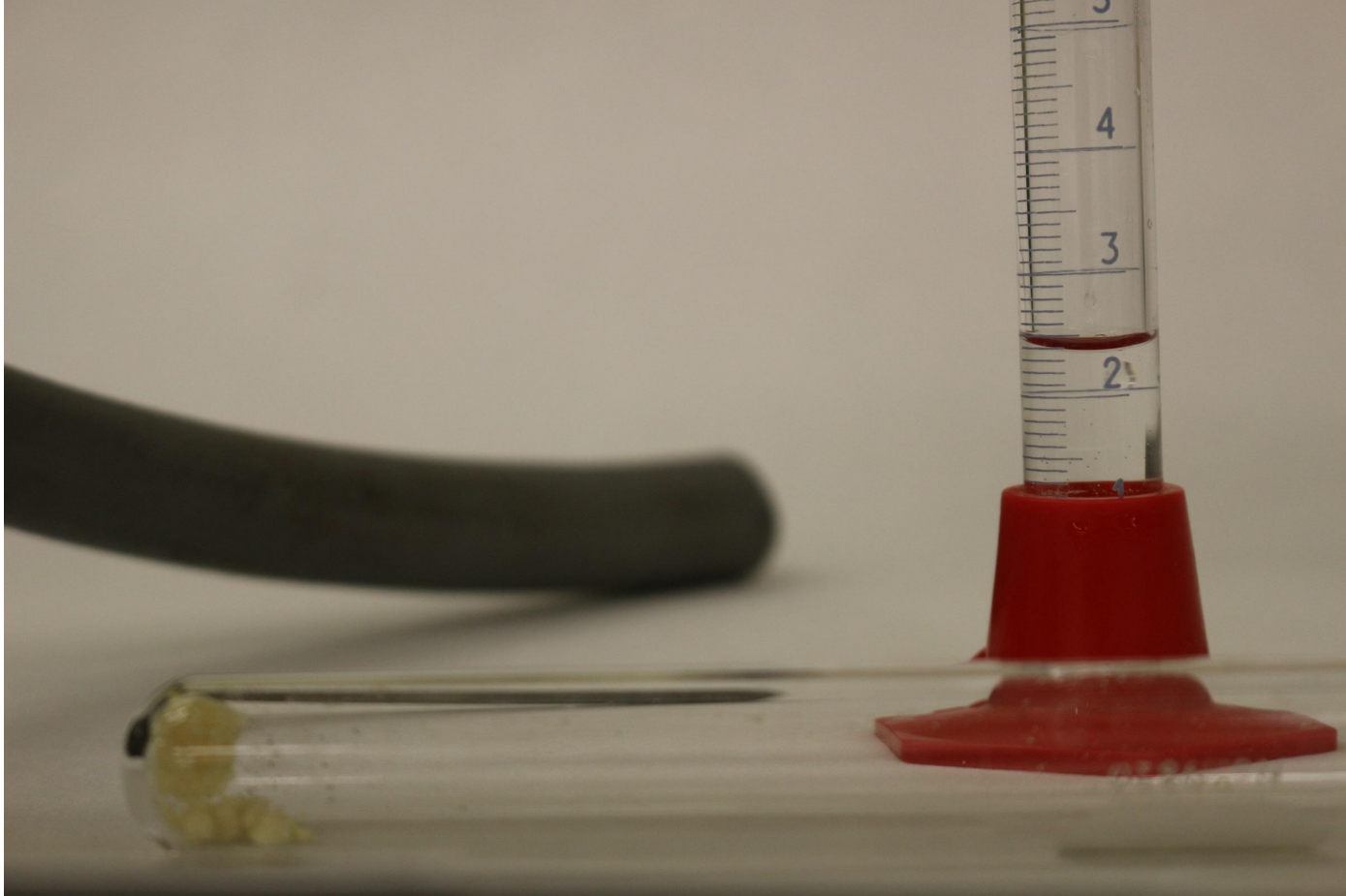
and they were set on a path of infinite desire



prepare the dye indigo by the condensation of 2-nitrobenzaldehyde with propanone



weigh out approximately .1g of 2-nitrobenzaldehyde into a test tube



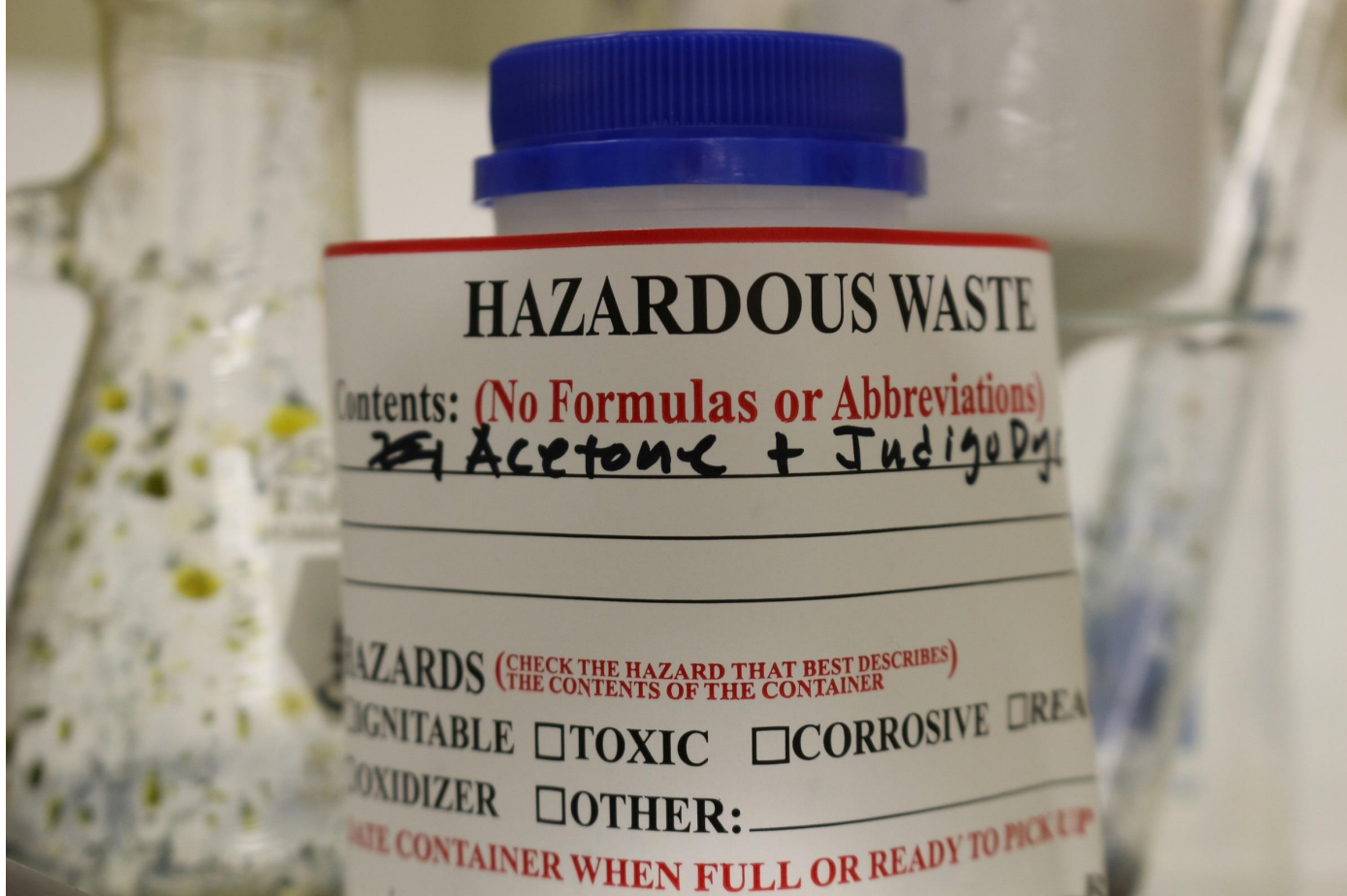
add 2 cm³ of propanone from a measuring cylinder



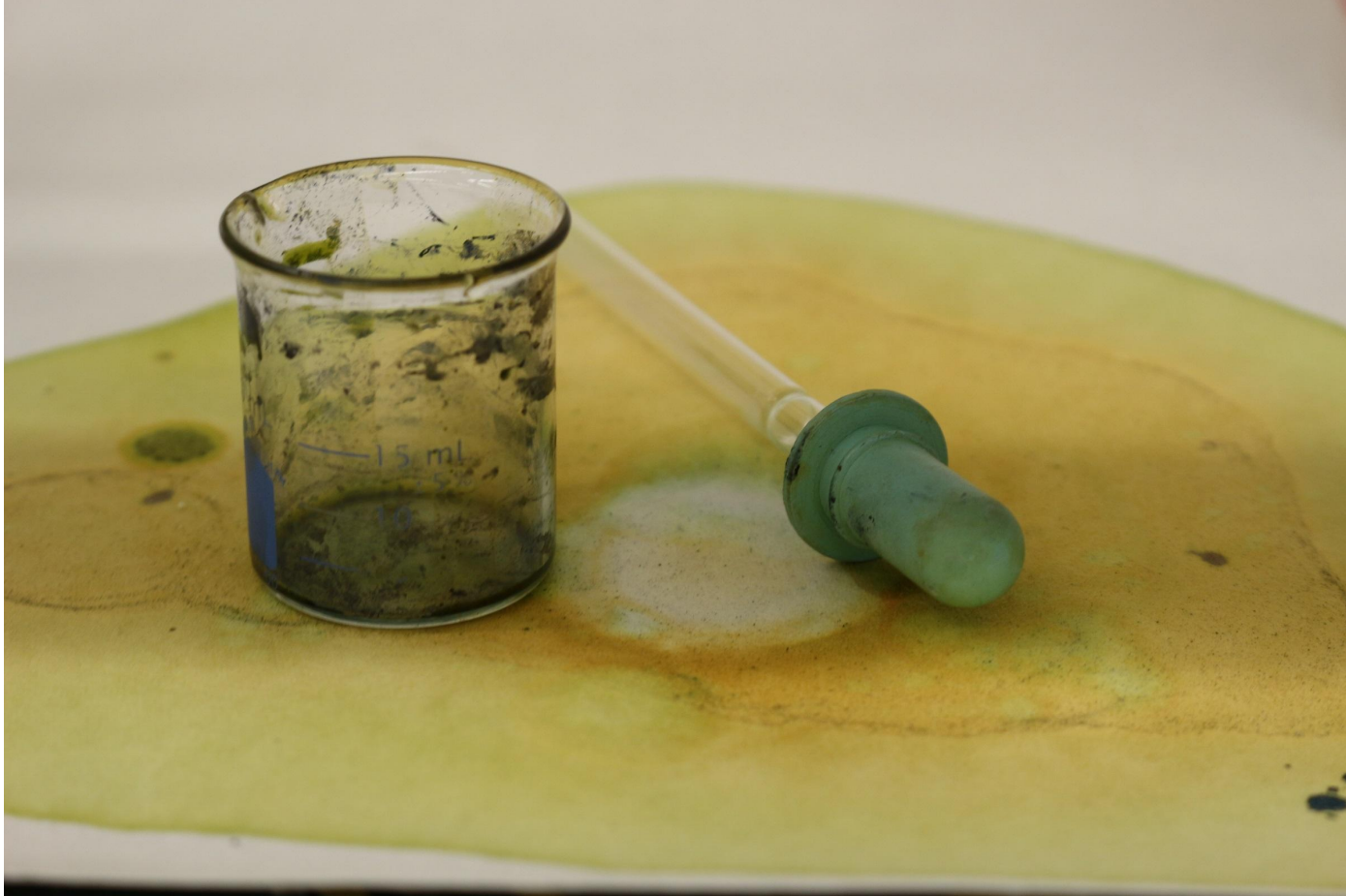
the solution quickly darkens and a purple solid (indigo) precipitates



filter the solution, washing with deionized water until the washings are colorless



discard waste



Technology does not quench but only augments desire



synthesis is very simple and quick yet it is mechanistically complex



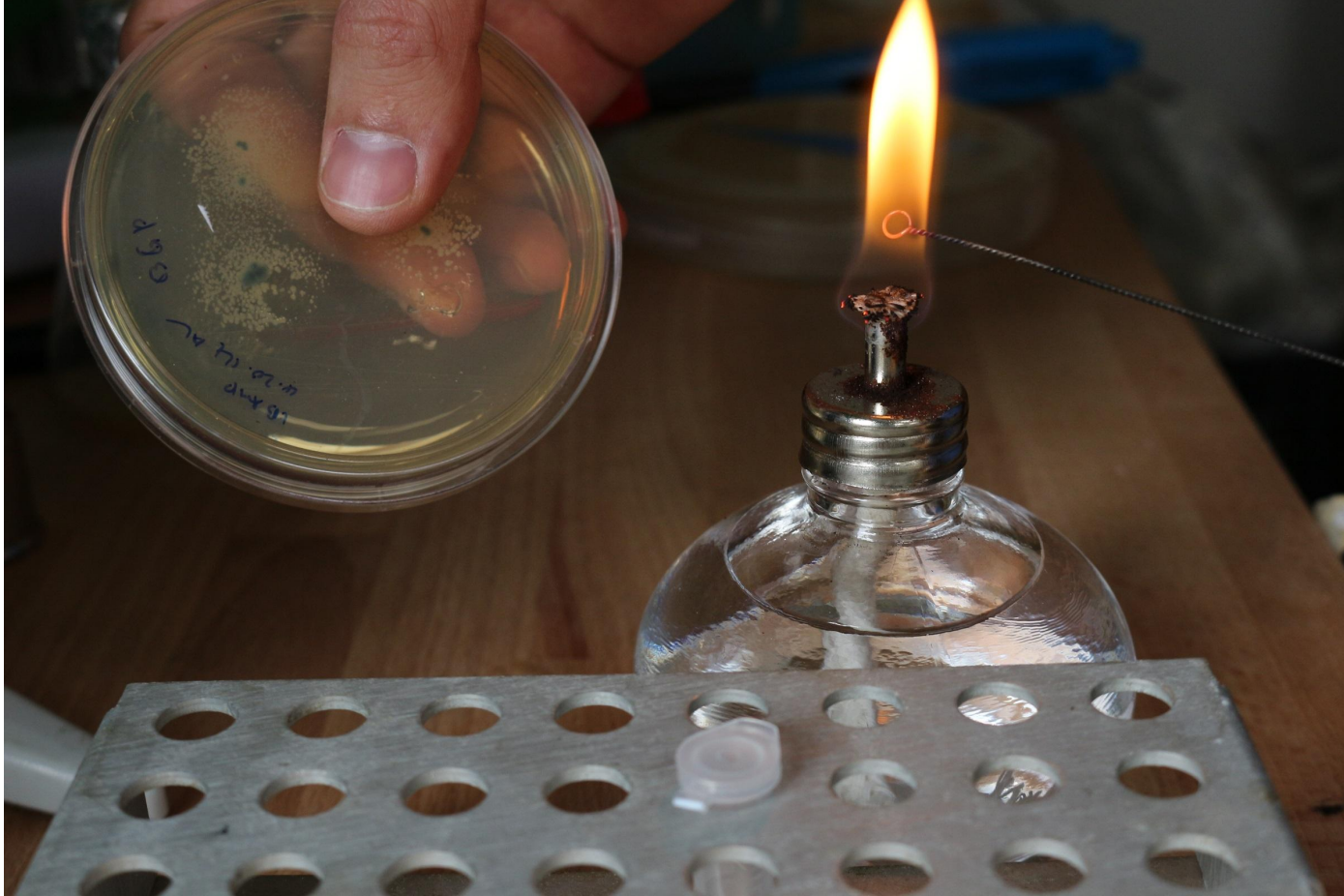
LB + AMP media is prepared



the cells produce monooxygenase from Rhodococcus



indole is oxidized, creating indoxyl, which spontaneously forms indigo



the loop is sterilized before harvesting colonies



a loop is used to harvest colonies



the colonies are lysed in sodium hydroxide and pelleted in a centrifuge