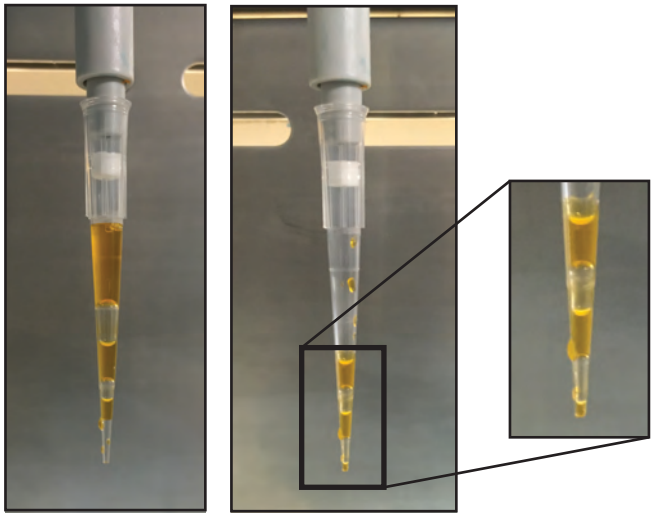
a

air cushion pipette

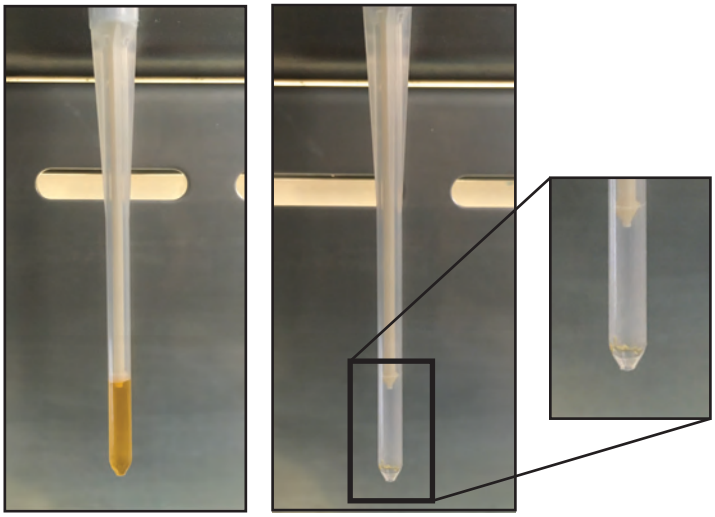
aspirated dispensed



b

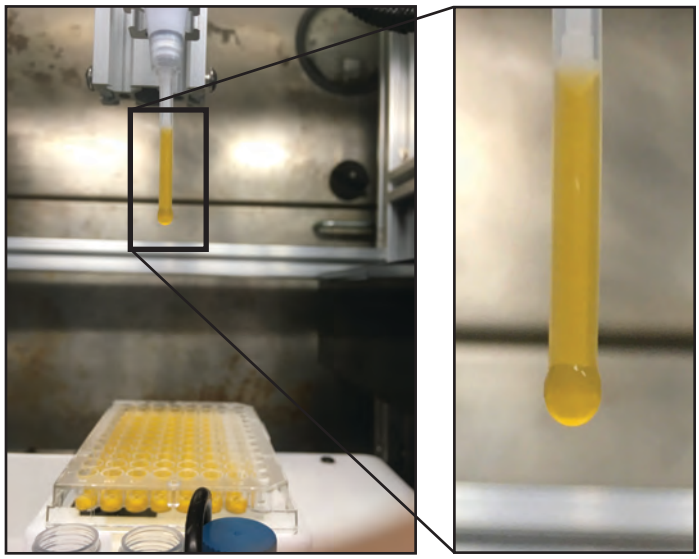
positive displacement pipette

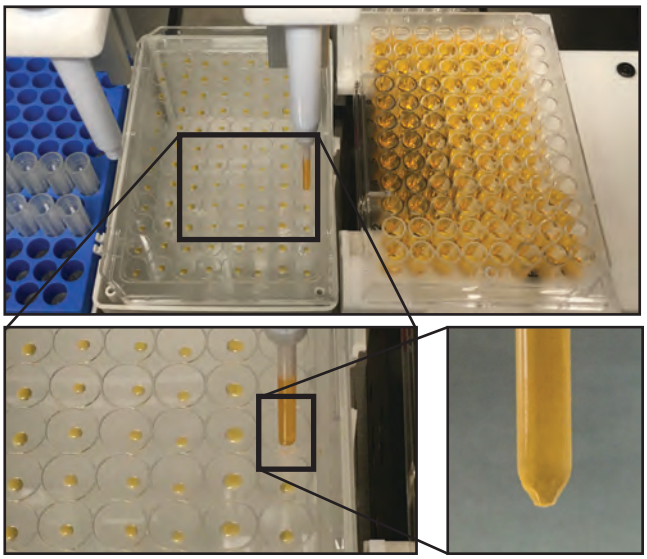
aspirated dispensed



c

excess material on tip



d

tip touch to remove excess material