



**OMR-IDT-004, STANDARD DESALT
DNA OLIGO MASTER RECORD**

Mfg Step	SOP	Equipment and Raw Materials	Critical Processing Parameters / Controls	Status/Deliverables
Hydrate	CCM-060 CCM-063	Hand Pipette PE Janus Loop Water	Add 700µl loop water Ensure oligo is in solution	Crude oligo in 700µL water in 2mL tube.
Filter	CCM-048	0.45µm Microspin Filter: 03-13-02-14	Add 700µl oligo to Filter Single use spin filter	Filtered oligo in 700µl water in collection tube.
OD	CCM-059 CCM-063	Hand Pipette BioTek µ-Fill PE Janus BioTek PowerWave Teleshake Quartz Plate	Transfer 2µL – 20µl sample to QP, mix, read x2 A260nm. Protocol: Appropriate <i>Quartz 700µl – Xµl</i> protocol based on X sample volume <ul style="list-style-type: none"> ▪ If an oligo fails for yield but passes ESI it can be held and combined with previous or subsequent lots and re-QC'd ▪ Yield Guarantee : Varies – see LabView 	Desalted oligo in water in 2mL tube.
ESI	CCM-045 CCM-062 CCM-060 CCM-063	Hand Pipette PE Janus	Transfer 2 – 5µl sample to a plate Check sample in for ESI-MS: <ul style="list-style-type: none"> ▪ ± 2.8 Da or 0.02%, whichever is greater, for oligos with MW up to 39,000 Da. 	ESI sample checked into HQC.