

**Sample details for SANS measurements of surfactant/DES mixtures**

Sample file name	Solvent	ChCl:U:Gly molar ratio	Surfactant	Surfactant head/tail deuteration (H/D)		Concentration
				Head	Tail	
OM1_sub.txt	h-choline chloride:h-urea:h-glycerol	1:1.5:0.5	SDS	-	D	25 mM
OM3_sub.txt	d-choline chloride:d-urea:d-glycerol	1:1.5:0.5	SDS	-	H	25 mM
OM5_sub.txt	h-choline chloride:d-urea:d-glycerol	1:1.5:0.5	SDS	-	D	25 mM
OM7_sub.txt	h-choline chloride:h-urea:h-glycerol	1:1:1	SDS	-	D	25 mM
OM9_sub.txt	d-choline chloride:d-urea:d-glycerol	1:1:1	SDS	-	H	25 mM
OM11_sub.txt	h-choline chloride:d-urea:d-glycerol	1:1:1	SDS	-	D	25 mM
OM13_sub.txt	h-choline chloride:h-urea:h-glycerol	1:0.5:1.5	SDS	-	D	25 mM
OM15_sub.txt	d-choline chloride:d-urea:d-glycerol	1:0.5:1.5	SDS	-	H	25 mM
OM17_sub.txt	h-choline chloride:d-urea:d-glycerol	1:0.5:1.5	SDS	-	D	25 mM
OM2_sub.txt	h-choline chloride:h-urea:h-glycerol	1:1.5:0.5	SDS	-	D	130 mM
OM4_sub.txt	d-choline chloride:d-urea:d-glycerol	1:1.5:0.5	SDS	-	H	130 mM
OM8_sub.txt	h-choline chloride:h-urea:h-glycerol	1:1:1	SDS	-	D	130 mM
OM10_sub.txt	d-choline chloride:d-urea:d-glycerol	1:1:1	SDS	-	H	130 mM
OM14_sub.txt	h-choline chloride:h-urea:h-glycerol	1:0.5:1.5	SDS	-	D	130 mM
OM16_sub.txt	d-choline chloride:d-urea:d-glycerol	1:0.5:1.5	SDS	-	H	130 mM
OM20_sub.txt	h-choline chloride:h-urea:h-glycerol	1:1.5:0.5	C <sub>12</sub> TAB	D	D	130 mM

OM22_sub.txt	h-choline chloride:h-urea:h-glycerol	1:1.5:0.5	C <sub>12</sub> TAB	H	D	130 mM
OM24_sub.txt	d-choline chloride:d-urea:d-glycerol	1:1.5:0.5	C <sub>12</sub> TAB	H	H	130 mM
OM26_sub.txt	h-choline chloride:h-urea:h-glycerol	1:1:1	C <sub>12</sub> TAB	D	D	130 mM
OM28_sub.txt	h-choline chloride:h-urea:h-glycerol	1:1:1	C <sub>12</sub> TAB	H	D	130 mM
OM30_sub.txt	d-choline chloride:d-urea:d-glycerol	1:1:1	C <sub>12</sub> TAB	H	H	130 mM
OM32_sub.txt	h-choline chloride:h-urea:h-glycerol	1:0.5:1.5	C <sub>12</sub> TAB	D	D	130 mM
OM34_sub.txt	h-choline chloride:h-urea:h-glycerol	1:0.5:1.5	C <sub>12</sub> TAB	H	D	130 mM
OM36_sub.txt	d-choline chloride:d-urea:d-glycerol	1:0.5:1.5	C <sub>12</sub> TAB	H	H	130 mM
OM37b_sub.txt	h-choline chloride:h-urea:h-glycerol	1:1.5:0.5	C <sub>16</sub> TAB	D	D	25 mM
OM41_sub.txt	d-choline chloride:d-urea:d-glycerol	1:1.5:0.5	C <sub>16</sub> TAB	H	H	25 mM
OM43_sub.txt	h-choline chloride:h-urea:h-glycerol	1:1:1	C <sub>16</sub> TAB	D	D	25 mM
OM47_sub.txt	d-choline chloride:d-urea:d-glycerol	1:1:1	C <sub>16</sub> TAB	H	H	25 mM
OM49_sub.txt	h-choline chloride:h-urea:h-glycerol	1:0.5:1.5	C <sub>16</sub> TAB	D	D	25 mM
OM53_sub.txt	d-choline chloride:d-urea:d-glycerol	1:0.5:1.5	C <sub>16</sub> TAB	H	H	25 mM
X6894_mod.txt	h-choline chloride:h-urea:h-glycerol	1:1.5:0.5	C <sub>16</sub> TAB	D	D	130 mM
X6906_mod.txt	d-choline chloride:d-urea:d-glycerol	1:1.5:0.5	C <sub>16</sub> TAB	H	H	130 mM
X6917_mod.txt	h-choline chloride:h-urea:h-glycerol	1:1:1	C <sub>16</sub> TAB	D	D	130 mM
X6914_mod.txt	d-choline chloride:d-urea:d-glycerol	1:1:1	C <sub>16</sub> TAB	H	H	130 mM
X6923_mod.txt	h-choline chloride:h-urea:h-glycerol	1:0.5:1.5	C <sub>16</sub> TAB	D	D	130 mM
X6915_mod.txt	d-choline chloride:d-urea:d-glycerol	1:0.5:1.5	C <sub>16</sub> TAB	H	H	130 mM

