

## COMPASS Sulfide Microplate Template

Name: Melanie  
 Date: 11/18/24

November  
 Plate ID: STD

	1	2	3	4	5	6	7	8	9	10	11	12
A	Std 0	Std 0	Std 0	S	S	S	S	S	S	S	S	S
B	Std 1	Std 1	Std 1	S	S	S	S0	S0	S0	S	S	S
C	Std 2	Std 2	Std 2	S	S	S	Dup	Dup	Dup	S	S	S
D	Std 3	Std 3	Std 3	S	S	S	S3	S3	S3	Spike	Spike	Spike
E	Std 4	Std 4	Std 4	S	S	S	S	S	S	Spike	Spike	Spike
F	Std 5	Std 5	Std 5	S	S	S	S	S	S	S0	S0	S0
G	MC: 10ppt S5	MC: 10ppt S5	MC: 10ppt S5	S	S	S	S	S	S	Dup	Dup	Dup
H	S 20 ppt	S	S	S	S	S	S	S	S4	S4	S4	

## COMPASS Sulfide Microplate Template

Name: Melanne  
 Date: 11/18/24

November Synoptic  
 Plate ID: plate 1

	1	2	3	4	5	6	7	8	9	10	11	12
A	Std 0	Std 0	Std 0	S 1	S	S	S 9	S	S	S 14	S	S
B	Std 1	Std 1	Std 1	S 2	S	S	S0	S0	S0	S 15	S	S
C	Std 2	Std 2	Std 2	S 3	S	S	Dup 9	Dup	Dup	S 16	S	S
D	Std 3	Std 3	Std 3	S 4	S	S	S3	S3	S3	Spike 1	Spike	Spike
E	Std 4	Std 4	Std 4	S 5	S	S	S 10	S	S	Spike 10	Spike	Spike
F	Std 5	Std 5	Std 5	S 6	S	S	S 11	S	S	S0	S0	S0
G	MC: 10ppt S5	MC: 10ppt S5	MC: 10ppt S5	S 7	S	S	S 12	S	S	Dup 16	Dup	Dup
H	S 20ppt	S	S	S 8	S	S	S 13	S	S	S4	S4	S4

Spike?  
Yes

## COMPASS Sulfide Microplate Template

November Synoptic

Name: MelaniePlate ID: plate 2Date: 11/18/24

	1	2	3	4	5	6	7	8	9	10	11	12
A	Std 0	Std 0	Std 0	s 17	S	S	s 25	S	S	s 30	S	S
B	Std 1	Std 1	Std 1	s 18	S	S	S0	S0	S0	s 31	S	S
C	Std 2	Std 2	Std 2	s 19	S	S	Dup 25	Dup	Dup	s 32	S	S
D	Std 3	Std 3	Std 3	s 20	S	S	S3	S3	S3	Spike 17	Spike	Spike
E	Std 4	Std 4	Std 4	s 21	S	S	s 26	S	S	Spike 26	Spike	Spike
F	Std 5	Std 5	Std 5	s 22	S	S	s 27	S	S	S0	S0	S0
G	MC: 10ppt S5	MC: 10ppt S5	MC: 10ppt S5	s 23	S	S	s 28	S	S	Dup 32	Dup	Dup
H	s 20 pot	S	S	s 24	S	S	s 29	S	S	S4	S4	S4

Sp. hr?  
yes

## COMPASS Sulfide Microplate Template

Name: Melanie  
 Date: 11/18/24

Plate ID: November plate 3 Sympotic

	1	2	3	4	5	6	7	8	9	10	11	12
A	Std 0	Std 0	Std 0	S 33	S	S	S 41	S	S	S 46	S	S
B	Std 1	Std 1	Std 1	S 34	S	S	S0	S0	S0	S 47	S	S
C	Std 2	Std 2	Std 2	S 35	S	S	Dup 41	Dup	Dup	S 48	S	S
D	Std 3	Std 3	Std 3	S 36 <sub>Tr</sub>	S	S	S3	S3	S3	Spike 33	Spike	Spike
E	Std 4	Std 4	Std 4	S 37 <sub>Tr</sub>	S	S <del>A</del>	S 42 <sub>Tr</sub>	S	S	Spike 42	Spike	Spike
F	Std 5	Std 5	Std 5	S 38	S	S	S 43 <sub>Tr</sub>	S	S <del>A</del>	S0	S0	S0
G	MC: 10ppt S5	MC: 10ppt S5	MC: 10ppt S5	S 39 <sub>Tr</sub>	S	S	S 44	S	S	Dup 48	Dup	Dup
H	S 20 ppt	S	S	S 40 <sub>Tr</sub>	S	S	S 45	S	S	S4	S4	S4

37 1:25

43 1:5

Spike?  
yes

## COMPASS Sulfide Microplate Template

Name: Melanie  
 Date: 11/18/24

November Synoptic  
 Plate ID: plate 4

	1	2	3	4	5	6	7	8	9	10	11	12
A	Std 0	Std 0	Std 0	s 49	S	S	s 57	S	S	s 62	S	S
B	Std 1	Std 1	Std 1	s 50	S	S	S0	S0	S0	s 63	S	S
C	Std 2	Std 2	Std 2	s 51	S	S	Dup 57	Dup	Dup	s 64	S	S
D	Std 3	Std 3	Std 3	s 52	S	S	S3	S3	S3	Spike 49	Spike	Spike
E	Std 4	Std 4	Std 4	s 53	S	S	s 58	S	S	Spike 58	Spike	Spike
F	Std 5	Std 5	Std 5	s 54	S	S	s 59	S	S	S0	S0	S0
G	MC: 10ppt S5	MC: 10ppt S5	MC: 10ppt S5	s 55	S	S	s 60	S	S	Dup 64	Dup	Dup
H	s 20ppt	S	S	s 56	S	S	s 61	S	S	S4	S4	S4

Spike?  
 Yes

## COMPASS Sulfide Microplate Template

Name: MelaniePlate ID: ST10Date: 11/22/24

	1	2	3	4	5	6	7	8	9	10	11	12
A	Std 0	Std 0	Std 0	S	S	S	S	S	S	S	S	S
B	Std 1	Std 1	Std 1	S	S	S	S0	S0	S0	S	S	S
C	Std 2	Std 2	Std 2	S	S	S	Dup	Dup	Dup	S	S	S
D	Std 3	Std 3	Std 3	S	S	S	S3	S3	S3	Spike	Spike	Spike
E	Std 4	Std 4	Std 4	S	S	S	S	S	S	Spike	Spike	Spike
F	Std 5	Std 5	Std 5	S	S	S	S	S	S	S0	S0	S0
G	MC: 10ppt S5	MC: 10ppt S5	MC: 10ppt S5	S	S	S	S	S	S	Dup	Dup	Dup
H	S <sup>20 ppt</sup>	S	S	S	S	S	S	S	S4	S4	S4	

## COMPASS Sulfide Microplate Template

November Synapt<sup>®</sup>Name: MekenziePlate ID: Plate 5Date: 11/22/24

	1	2	3	4	5	6	7	8	9	10	11	12
A	Std 0	Std 0	Std 0	S 65	S	S	S 73 1:25	S	S *	S 78 1:25	S	S *
B	Std 1	Std 1	Std 1	S 66	S	S	S0	S0	S0	S 79 1:25	S	S
C	Std 2	Std 2	Std 2	S 67	S	S	Dup 73 1:25	Dup	Dup	S 80 1:25	S	S
D	Std 3	Std 3	Std 3	S 68	S	S	S3	S3	S3	Spike 65	Spike	Spike
E	Std 4	Std 4	Std 4	S 69	S	S	S 74 1:25	S	S *	Spike 74 1:25	Spike	Spike
F	Std 5	Std 5	Std 5	S 70	S	S	S 75 1:25	S	S *	S0	S0	S0
G	MC: 10ppt S5	MC: 10ppt S5	MC: 10ppt S5	S 71	S	S	S 76 1:25	S	S *	Dup 80 1:25	Dup	Dup
H	S 20 ppt	S	S	S 72	S	S	S 77 1:25	S	S *	S4	S4	S4

10 μL sample: 240 μL 1:1

\* need 1:100 x 100 dilution

## COMPASS Sulfide Microplate Template

Name: Melanie  
 Date: 11/22/24

November Synoptic  
 Plate ID: Plate 6

	1	2	3	4	5	6	7	8	9	10	11	12
A	Std 0	Std 0	Std 0	s 81 1:25	S	S *	s 89	S	S	s 94	S	S
B	Std 1	Std 1	Std 1	s 82	S	S	S0	S0	S0	s 102	S	S
C	Std 2	Std 2	Std 2	s 83	S	S	Dup 89	Dup	Dup	s 96	S	S
D	Std 3	Std 3	Std 3	s 84	S	S	S3	S3	S3	Spike 81 X 25	Spike	Spike
E	Std 4	Std 4	Std 4	s 85	S	S	s 90	S	S	Spike 90	Spike	Spike
F	Std 84	Std 84	Std 84	s 86	S	S	s 91	S	S	S0	S0	S0
G	MC: 10 ppt S5	MC: 10 ppt S5	MC: 10 ppt S5	s 87	S	S	s 92	S	S	Dup 96	Dup	Dup
H	s 10 ppt	S	S	s 88	S	S	s 93	S	S	20 ppt S4	54	S4

## COMPASS Sulfide Microplate Template

Name: Melanie  
 Date: 11/22/24

November Synoptic  
 Plate ID: Plate 7

	1	2	3	4	5	6	7	8	9	10	11	12
A	Std 0	Std 0	Std 0	s 95	S	S	s 105*	S	S	s 73 x100	S	S
B	Std 1	Std 1	Std 1	s 97	S	S	S0	S0	S0	s 74 x100	S	S
C	Std 2	Std 2	Std 2	s 98	S	S	Dup 105	Dup	Dup	s 75 x100	S	S
D	Std 3	Std 3	Std 3	s 99	S	S	S3	S3	S3	Spike 97	Spike	Spike
E	Std 4	Std 4	Std 4	s 100	S	S	s 106	S	S	Spike 106	Spike	Spike
F	Std 5	Std 5	Std 5	s 101 *	S	S	s 107	S	S	S0	S0	S0
G	MC: 10ppt S5	MC: 10ppt S5	MC: 10ppt S5	s 103 *	S	S	s 108	S	S	Dup 75 x100	Dup	Dup
H	s 80ppt	S	S	s 104 *	S	S	s 37 x100	S	S	S4	S4	S4

$\times 100 \text{ mL} : 1980 \text{ mL DI}$

## COMPASS Sulfide Microplate Template

Name: melanie  
 Date: 11/22/24

Number  
Plate 8

	1	2	3	4	5	6	7	8	9	10	11	12
A	Std 0	Std 0	Std 0	S <sup>76</sup> <sub>x100</sub>	S	S	S	S	S	S	S	S
B	Std 1	Std 1	Std 1	S <sup>77</sup> <sub>x100</sub>	S	S	S0	S0	S0	S	S	S
C	Std 2	Std 2	Std 2	S <sup>78</sup> <sub>x100</sub>	S	S	Dup	Dup	Dup	S	S	S
D	Std 3	Std 3	Std 3	S <sup>81</sup> <sub>x100</sub>	S	S	S3	S3	S3	Spike	Spike	Spike
E	Std 4	Std 4	Std 4	S <sup>101</sup> <sub>x100</sub>	S	S	S <sup>54</sup>	S	S	Spike	Spike	Spike
F	Std 5	Std 5	Std 5	S <sup>103</sup> <sub>x100</sub>	S	S	S	S	S	S0	S0	S0
G	MC: 10ppt S5	MC: 10ppt S5	MC: 10ppt S5	S <sup>104</sup> <sub>x100</sub>	S	S	S	S	S	Dup	Dup	Dup
H	S	S	S	S <sup>105</sup> <sub>x100</sub>	S	S	S	S	S	S4	S4	S4