

COMPASS Sulfide Microplate Template

Name: melanie
 Date: 8/12/25

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	S5 10ppt	S	S	S	S	S	S	S	S	S4	S4	S4

10:52

COMPASS Sulfide Microplate Template

July 2025

Name: MelaniePlate ID: plate 1Date: 8/12/25

	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, 5	S	S 7
B	Std 1	Std 1	Std 1	s 2	S	S	S0	S0	S0	s 15, 5	S	S *
C	Std 2	Std 2	Std 2	s 3	S	S	Dup 9	Dup	Dup	s 16, 5	S	S *
D	Std 3	Std 3	Std 3	s 13, 25	S 13, 25	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, 5	Dup	Dup
H	s 5, 20 ppt	S	S	s 8	S	S	s 13, 5	S	S 7	S4	S4	S4

Spike 50 μL

12:08

COMPASS Sulfide Microplate Template

Name: Melanie
 Date: 8/12/25

Plate ID: July 2025
plate 2

	1	2	3	4	5	6	7	8	9	10	11	12
A	Std 0	Std 0	Std 0	S 17 _{x25}	S	S 18	S 25	S	S	S 30	S	S
B	Std 1	Std 1	Std 1	S 18 _{x25}	S	S 19	S0	S0	S0	S 31	S	S
C	Std 2	Std 2	Std 2	S 19 _{x25}	S	S	Dup 25	Dup	Dup	S 32	S	S
D	Std 3	Std 3	Std 3	S 20 _{x25}	S	S	S3	S3	S3	Spike 17 _{x25}	Spike	Spike
E	Std 4	Std 4	Std 4	S 21 _{x25}	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 24 _{20ppt}	S	S	S 24	S	S	S 29	S	S	S4	S4	S4

13.26

COMPASS Sulfide Microplate Template

Name: Melanie
 Date: 8/12/25

July 2025
 plate 3

Plate ID: _____

	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 x25	S	S
B	Std 1	Std 1	Std 1	S 34	S	S	S0	S0	S0	S 47 x25	S	S
C	Std 2	Std 2	Std 2	S 35	S	S	41 Dup	Dup	Dup	S 48 x25	S	S
D	Std 3	Std 3	Std 3	S 36	S	S	S3	S3	S3	Spike 33	Spike	Spike
E	Std 4	Std 4	Std 4	S 37	S	S	S 42 x25	S	S 4	Spike 42 x25	Spike	Spike
F	Std 5	Std 5	Std 5	S 38	S	S	S 43 x25	S	S 0	S0	S0	S0
G	MC: 10ppt S5	MC: 10ppt S5	MC: 10ppt S5	S 39	S	S	S 44 x25	S	S 0	Dup 48 x25	Dup	Dup
H	S 5 20ppt	S	S	S 40	S	S	S 45 x25	S	S	S4	S4	S4

14:12

COMPASS Sulfide Microplate Template

Name: Melanite
 Date: 8/12/25

July 2025

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	S ⁵⁷ Dup	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	S5 20ppm	S	S	S ⁵⁶	S	S	S ⁶¹	S	S	S4	S4	S4

15:05

COMPASS Sulfide Microplate Template

Name: melanie
 Date: 8/12/25

July 2025
 plate 5

	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	S	S	S ⁷⁸	S	S
B	Std 1	Std 1	Std 1	S ⁶⁶	S	S	S0	S0	S0	S ⁷⁹	S	S
C	Std 2	Std 2	Std 2	S ⁶⁷	S	S	Dup ⁷³	Dup	Dup	S ⁸⁰	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	S	S	Spike ⁷⁴	Spike	Spike
F	Std 5	Std 5	Std 5	S ⁷⁰	S	S	S ⁷⁵	S	S	S0	S0	S0
G	MC: 10ppt S5	MC: 10ppt S5	MC: 10ppt S5	S ⁷¹	S	S	S ⁷⁶	S	S	Dup ⁸⁰	Dup	Dup
H	S5 20ppt	S	S	S ⁷²	S	S	S ⁷⁷	S	S	S4	S4	S4

15:58

COMPASS Sulfide Microplate Template

Name: Melanie
 Date: 8/13/25

Plate ID: STP

	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	S	S	S	S	S	S	S	S4	S4	S4	

9:47

COMPASS Sulfide Microplate Template

Name: Melanie
 Date: 8/13/25

July 2025
 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	S	S	S ⁸⁹	S	S	S ⁹⁴ x25	S	S 0
B	Std 1	Std 1	Std 1	S 82	S	S	S0	S0	S0	S ⁹⁵ x25	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	Spike	Spike
E	Std 4	Std 4	Std 4	S ⁸⁵	S	S	S ⁹⁰	S	S	Spike ⁹⁰	Spike	Spike
F	Std 5	Std 5	Std 5	S ⁸⁶	S	S	S ⁹¹	S	S	S0	S0	S0
G	MC: 10ppt S5	MC: 10ppt S5	MC: 10ppt S5	S ⁸⁷	S	S	S ⁹²	S	S	Dup ⁹⁶	Dup	Dup
H	S5 20ppt	S	S	S ⁸⁸	S	S	S ⁹³	S	S	S4	S4	S4

10'51

COMPASS Sulfide Microplate Template

Name: Melanie
 Date: 8/13/25

July 2025
 Plate F

	1	2	3	4	5	6	7	8	9	10	11	12
A	Std 0	Std 0	Std 0	S ⁹⁹	S	S	S ¹⁰⁵	S	S	S ¹¹⁰	S	S
B	Std 1	Std 1	Std 1	S ⁹⁷ x25	S	S 0	S0	S0	S0	S ¹¹¹	S	S
C	Std 2	Std 2	Std 2	S⁹⁸ x25	S ⁹⁸ x25	S ⁹⁸ x25	S ¹⁰⁵ Dup	Dup	Dup	S ¹¹²	S	S
D	Std 3	Std 3	Std 3	S ¹⁰⁰ x25	S	S 0	S3	S3	S3	Spike ⁹⁷ x25	Spike	Spike
E	Std 4	Std 4	Std 4	S ¹⁰¹ x25	S	S	S ¹⁰⁶	S	S	Spike ¹⁰⁶	Spike	Spike
F	Std 5	Std 5	Std 5	S ¹⁰²	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 ¹¹²	Dup	Dup
H	S ⁵ 20ppt	S	S	S ¹⁰⁴	S	S	S ¹⁰⁴	S	S	S4	S4	S4

11:37

COMPASS Sulfide Microplate Template

Name: Melanie
 Date: 8/13/25

July 2025
 Plate 8

	1	2	3	4	5	6	7	8	9	10	11	12
A	Std 0	Std 0	Std 0	S 113	S	S	S 43	S	S 13	S	S	S
B	Std 1	Std 1	Std 1	S 13 x50	S	S	S0	S0	S0	S	S	S
C	Std 2	Std 2	Std 2	S 14 x50	S	S	Dup 43	Dup	Dup	S	S	S
D	Std 3	Std 3	Std 3	S 15 x50	S	S 13	S3	S3	S3	Spike 113	Spike	Spike
E	Std 4	Std 4	Std 4	S 16 x50	S	S	S 44	S	S	Spike 44	Spike	Spike
F	Std 5	Std 5	Std 5	S 17 x50	S	S	S 94	S	S	S0	S0	S0
G	MC: 10ppt S5	MC: 10ppt S5	MC: 10ppt S5	S 18 x50	S	S 13	S 97	S	S	Dup 100	Dup	Dup
H	S 5 20ppt	S	S	S 42 x50	S	S	S 100	S	S	S4	S4	S4

13:22

1.96 mL D1: 40 mL Sample

COMPASS Sulfide Microplate Template

Name: MelaninPlate ID: plate 9Date: 8/13/25

	1	2	3	4	5	6	7	8	9	10	11	12
A	Std 0	Std 0	Std 0	S $\times 250$ 15	S	S	S	S	S	S	S	S
B	Std 1	Std 1	Std 1	S $\times 250$ 18	S	S	S0	S0	S0	S	S	S
C	Std 2	Std 2	Std 2	S $\times 50$ 43	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	Dup	Dup	Dup	Dup
H	S5 20ppt	S	S	S	S	S	S	S	S4	S4	S4	S4

14:19