

## COMPASS Sulfide Microplate Template

Name: Melanie Isabelle  
 Date: 5/29/25

Plate ID: STD May Syngentic

	1	2	3	4	5	6	7	8	9	10	11	12
A	Std 0	Std 0	Std 0	Std 0	S	S	S	S	S	S	S	S
B	Std 1	Std 1	Std 1	Std 1	S	S	S0	S0	S0	S	S	S
C	Std 2	Std 2	Std 2	Std 2	S	S	Dup	Dup	Dup	S	S	S
D	Std 3	Std 3	Std 3	Std 3	S	S	S3	S3	S3	Spike	Spike	Spike
E	Std 4	Std 4	Std 4	Std 4	S	S	S	S	S	Spike	Spike	Spike
F	Std 5	Std 5	Std 5	Std 5	S	S	S	S	S	S0	S0	S0
G	MC: 10ppt S5	MC: 10ppt S5	MC: 10ppt S5	10ppt	S	S	S	S	Dup	Dup	Dup	Dup
H	MC: 20ppt S20	20ppt	20ppt	S 20ppt	S	S	S	S	S4	S4	S4	S4

10:23

## COMPASS Sulfide Microplate Template

Name: Melanie  
 Date: 5/29/25

May 2025 Synoptic  
 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 20 ppt	S	S →	S 8	S	S	S 13	S	S	S4	S4	S4

x5 50 μL sample : 200 μL DI  
 x25 10 μL sample : 240 μL DI  
 x50 40 μL sample : 1960 μL DI

11:37

Spike 50 μL

## COMPASS Sulfide Microplate Template

May 2025 Synoptic

Name: IsabellePlate ID: Plate 2Date: 5/7/25

	1	2	3	4	5	6	7	8	9	10	11	12
A	Std 0	Std 0	Std 0	S 17 x50	S	S *	S 25	S	S	S 30	S	S
B	Std 1	Std 1	Std 1	S 18 X	S	S	S 0	S 0	S 0	S 31	S	S
C	Std 2	Std 2	Std 2	S 19 x50	S	S	Dup 25	Dup	Dup	S 32	S	S
D	Std 3	Std 3	Std 3	S 20 x50	S	S	S 3	S 3	S 3	Spike 17	Spike	Spike
E	Std 4	Std 4	Std 4	S 21 x50	S	S	S 26	S	S	Spike 26	Spike	Spike
F	Std 5	Std 5	Std 5	S 22 x50	S	S	S 27	S	S	S 0	S 0	S 0
G	MC: 10ppt S5	MC: 10ppt S5	MC: 10ppt S5	S 23	S	S	S 28	S	S	Dup 32	Dup	Dup
H	S 20ppt	S	S	S 24	S	S	S 29	S	S	S 4	S 4	S 4

S01 Spike 2.  
Y62

12.59

## COMPASS Sulfide Microplate Template

2025 May synthetic

Name: Melanie  
 Date: 5/29/25

Plate ID: Plate 3

	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 0
C	Std 2	Std 2	Std 2	s 35	S	S	Dup 41	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 0	Spike 42 x25	Spike	Spike
F	Std 5	Std 5	Std 5	s 38	S	S	s 43 x25	S	S	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 20ppt	S	S	s 40	S	S	s 45 x25	S	S	S4	S4	S4

13:21

SO<sub>4</sub> sp. kn?   
 Yes

2025 MAY Synoptic

## COMPASS Sulfide Microplate Template

Name: \_\_\_\_\_

Plate ID: Plate 4

Date: \_\_\_\_\_

	1	2	3	4	5	6	7	8	9	10	11	12
A	✓ Std 0	Std 0	Std 0	s 49 x25	S	S 0	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 x25	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 20 ppt S5	S → S		S 56	S	S	S 61	S	S	S4	S4	S4

13:44

## COMPASS Sulfide Microplate Template

2025 MAY Synoptic

Name: Melanie  
 Date: 5/29/25

Plate ID: Plate S

	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	S 20 ppt SS	S	S →	s 72	S	S →	S 77	S	S →	S4	S4	S4

14:06

2025 MAY Synoptic

## COMPASS Sulfide Microplate Template

Name: Isabelle  
Date: 5/29/25

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	S	S →
B	Std 1	Std 1	Std 1	s 82	S	S →	S0	S0	S0	s 97*	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 96	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	S	S	S	s 88	S	S →	s 93	S	S →	S4	S4	S4

14:11

## COMPASS Sulfide Microplate Template

2025 MAY Synoptic

Name: Melanie  
 Date: 5/29/25

Plate ID: Plate 7

	1	2	3	4	5	6	7	8	9	10	11	12
A	Std 0	Std 0	Std 0	S <del>95</del>	S	S →	S <del>105</del>	S	S →	S <del>110</del>	S	S →
B	Std 1	Std 1	Std 1	S <del>98</del>	S	S →	S0	S0	S0	S <del>111</del>	S	S →
C	Std 2	Std 2	Std 2	S <del>99</del> x2S	S	S →	Dup <del>105</del>	Dup	Dup	S <del>112</del>	S	S →
D	Std 3	Std 3	Std 3	S <del>100</del> x2S	S	S →	S3	S3	S3	Spike <del>95</del>	Spike	Spike
E	Std 4	Std 4	Std 4	S <del>101</del>	S	S →	S <del>106</del>	S	S <del>(X)</del>	Spike <del>106</del>	Spike	Spike
F	Std 5	Std 5	Std 5	S <del>102</del> x2S	S	S →	S <del>107</del>	S	S	S0	S0	S0
G	MC: 10ppt S5	MC: 10ppt S5	MC: 10ppt S5	S <del>103</del> x2S	S	S →	S <del>108</del>	S	S →	Dup <del>112</del>	Dup	Dup
H	S <del>20 ppt</del>	S	S	S <del>104</del>	S	S →	S <del>109</del>	S	S →	S4	S4	S4

2:41

50 m spike

## COMPASS Sulfide Microplate Template

2025 MAY Synoptic

Name: Melanie  
 Date: 5/29/25

Plate ID: 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 47	S	S	S	S	S
B	Std 1	Std 1	Std 1	S 114	S	S →	S0	S0	S0	S	S	S
C	Std 2	Std 2	Std 2	S 115	S	S →	Dup 47	Dup	Dup	S	S	S
D	Std 3	Std 3	Std 3	S 15 x 50	S	S	S3	S3	S3	Spike 113	Spike	Spike →
E	Std 4	Std 4	Std 4	S 16 x 50	S	S	S 49	S	S	Spike 49	Spike	Spike →
F	Chk 4 Std 5	Chk 4 Std 5	Chk 4 Std 5	S 17 x 250	S	S	S 97 x 25	S	S	S0	S0	S0
G	MC: 10 ppt S5	MC: 10 ppt S5	MC: 10 ppt S5	S 42	S	S	S 99	S	S	Dup 102	Dup	Dup
H	S 20 ppt	S	S	S 44	S	S	S 102	S	S	10 ppt S4	10 ppt S4	10 ppt S4

15:20