

Appendix 18
Verification Procedures for Positive Spore Strip Cultures

APPENDIX 18

Run #	Sample CAP ID	Type	Description
1	20161	N-1	NOT Raven® <i>B. subtilis</i> ; 6 pinpoint, clear colonies
1	20165	S-3	NOT Raven® <i>B. subtilis</i> ; moderate growth of non-glossy, cream white, roundish colonies
1	20172	SCS-8	POSSIBLY Raven® <i>B. subtilis</i> ; moderate growth of small, agar-colored, non-glossy circular colonies with rough borders
1	20174	S-1	NOT Raven® <i>B. subtilis</i> ; moderate growth of large, mucous, slimey gray agar-colored colonies
1	20222	S-1	NOT Raven® <i>B. subtilis</i> ; sparse growth of small, glossy gray agar-colored, circular colonies
1	20323	SCS-5	POSSIBLY Raven® <i>B. subtilis</i> ; moderate growth of small, agar-colored, non-glossy circular colonies with rough borders
1	20355	S-1	NOT Raven® <i>B. subtilis</i> ; sparse growth of pinpoint, clear colonies
1	20383	SCS-6	NOT Raven® <i>B. subtilis</i> ; about 40 small, glossy gray agar-colored, circular colonies
2	20410	SCS-5	NOT Raven® <i>B. subtilis</i> ; sparse growth of large, mucous, slimey gray agar-colored colonies
2	20415	S-2	NOT Raven® <i>B. subtilis</i> ; 3 pinpoint, clear colonies
2	20497	N-1	NOT Raven® <i>B. subtilis</i> ; moderate growth of cream white, glossy surface with raised center colonies
2	20505	S-1	NOT Raven® <i>B. subtilis</i> ; 2 pinpoint, clear colonies
2	20532	SCS-8	POSSIBLY Raven® <i>B. subtilis</i> ; moderate growth of small, agar-colored, non-glossy circular colonies with rough borders
3	20680	S-2	PROBABLY IS Raven® <i>B. subtilis</i> ; moderate growth of a mixture of creamy white and yellow-gold, ~ 2 mm, circular, rough surface and border colonies

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Run #	Sample CAP ID	Type	Description
3	20715	S-2	PROBABLY IS Raven® <i>B. subtilis</i> ; moderate growth of ~ 2 mm yellow-gold, circular, rough surface and border colonies
3	20732	SCS-8	POSSIBLY Raven® <i>B. subtilis</i> ; moderate growth of small, agar-colored, non-glossy circular colonies with rough borders
3	21053	SCS-6	POSSIBLY Raven® <i>B. subtilis</i> ; moderate growth of small, agar-colored, non-glossy circular colonies with rough borders
3	21318	SCS-8	POSSIBLY Raven® <i>B. subtilis</i> ; moderate growth of small, agar-colored, non-glossy circular colonies with rough borders
4	20675	S-2	PROBABLY IS Raven® <i>B. subtilis</i> ; sparse growth of ~ 2 mm yellow-gold, circular, rough surface and border colonies
4	20955	S-3	NOT Raven® <i>B. subtilis</i> ; moderate growth of small, glossy gray agar-colored, circular colonies
5	20889	S-1	NOT Raven® <i>B. subtilis</i> ; moderate growth of large, spreading, irregular shaped agar-colored, slightly mucous colonies
5	20890	S-2	NOT Raven® <i>B. subtilis</i> ; profuse number of small, agar-colored, non-glossy, round colonies
5	20891	S-3	NOT Raven® <i>B. subtilis</i> ; moderate growth of small, roundish agar-colored colonies with raised mucous surface in center

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Run #	Sample CAP ID	Type	Description
5	20913	S-2	NOT Raven® <i>B. subtilis</i> ; profuse growth of large, mucous, slimey gray agar-colored colonies
5	20914	S-3	NOT Raven® <i>B. subtilis</i> ; No growth observed on plate after inoculation with 1 µL; inoculation of 2 nd plate with 100 µL yielded about 2 pinpoint clear-opaque colonies
5	20940	S-2	NOT Raven® <i>B. subtilis</i> ; about 20 pinpoint, clear colonies
5	20941	S-3	NOT Raven® <i>B. subtilis</i> ; profuse growth of agar-colored, no sheen, circular with raised center dot colonies
5	20946	N-1	NOT Raven® <i>B. subtilis</i> ; moderate growth of large, mucous, slimey gray, raised surface colonies
5	20967	S-1	NOT Raven® <i>B. subtilis</i> ; profuse growth of agar-colored, no sheen, circular with raised center dot colonies
5	20968	S-2	NOT Raven® <i>B. subtilis</i> ; profuse growth of agar-colored, no sheen, circular with raised center dot colonies
5	20982	S-3	NOT Raven® <i>B. subtilis</i> ; moderate growth of large, mucous, slimey gray, raised surface colonies
5	20987	N-1	NOT Raven® <i>B. subtilis</i> ; profuse growth of large, mucous, slimey gray, raised surface colonies

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Run #	Sample CAP ID	Type	Description
5	21005	S-1	NOT Raven® <i>B. subtilis</i> ; profuse growth of small, circular, creamy white, gloss surface colonies
5	21041	S-1	NOT Raven® <i>B. subtilis</i> ; moderate growth of agar-colored, no sheen, circular smooth colonies
5	21085	S-2	NOT Raven® <i>B. subtilis</i> ; moderate growth of small, white roundish colonies
5	21086	S-3	NOT Raven® <i>B. subtilis</i> ; moderate growth of small, roundish agar-colored colonies with raised mucous surface in center
5	21114	SCS-4	Probably NOT Raven® <i>B. subtilis</i> ; moderate growth of white, spreading, glossy colonies
5	21116	SCS-6	NOT Raven® <i>B. subtilis</i> ; moderate growth of large, mucous, slimey gray, raised surface colonies
5	21513	SCS-4	Probably NOT Raven® <i>B. subtilis</i> ; moderate growth of glossy white spreading colonies
5	21515	SCS-6	NOT Raven® <i>B. subtilis</i> ; profuse growth of large, mucous, slimey gray agar-colored colonies
5	21518	S-1	PROBABLY IS Raven® <i>B. subtilis</i> ; profuse growth of a mixture of creamy white and yellow-gold, ~ 2 mm, circular, rough surface and border colonies

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Run #	Sample CAP ID	Type	Description
5	21521	N-1	NOT Raven® <i>B. subtilis</i> ; moderate growth of large, spreading, irregular shaped agar-colored colonies
5	21523	S-1	NOT Raven® <i>B. subtilis</i> ; profuse growth of small, circular, non-gloss, creamy white colonies
5	21544	N-1	NOT Raven® <i>B. subtilis</i> ; profuse growth of mixture of small, circular, creamy white colonies with raised mucous surface in center, and small circular, creamy white colonies with non-glossy surface
5	21547	S-2	NOT Raven® <i>B. subtilis</i> ; moderate growth of glossy gray agar-colored, circular with raised center dot colonies
5	21568	N-1	NOT Raven® <i>B. subtilis</i> ; moderate growth of small, irregular shaped agar-colored, no sheen, smooth colonies
6	21254	S-2	NOT Raven® <i>B. subtilis</i> ; profuse growth of small, circular, agar colored colonies with no sheen and a raised center dot
6	21255	S-3	NOT Raven® <i>B. subtilis</i> ; profuse growth of agar-colored, small, roundish colonies with non-glossy surface and rough borders
6	21292	SCS-5	NOT Raven® <i>B. subtilis</i> ; approximately 20 pinpoint opaque colonies
6	21319	S-1	NOT Raven® <i>B. subtilis</i> ; approximately 40 pinpoint opaque colonies

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Run #	Sample CAP ID	Type	Description
6	21351	S-3	NOT Raven® <i>B. subtilis</i> ; moderate growth of white-beige, irregular shaped colonies with mucous blister in center
6	21356	N-1	NOT Raven® <i>B. subtilis</i> ; profuse growth of small, circular, agar colored colonies with no sheen and rough, raised borders
6	21371	SCS-6	NOT Raven® <i>B. subtilis</i> ; moderate growth of small, circular, agar colored colonies with no sheen and a raised center dot
6	21381	SCS-8	NOT Raven® <i>B. subtilis</i> ; No growth observed on plate after inoculation with 1 µL; inoculation of 2 nd plate with 100 µL yielded 4 to 5 pinpoint clear-opaque colonies
6	21415	S-1	NOT Raven® <i>B. subtilis</i> ; ; profuse growth of white-beige, irregular shaped colonies with mucous blister in center
6	21437	S-2	NOT Raven® <i>B. subtilis</i> ; profuse growth of white-beige, irregular shaped colonies with mucous blister in center
6	21438	S-3	NOT Raven® <i>B. subtilis</i> ; profuse growth of agar-colored small, circular colonies with non-glossy surface and raised center dot
6	21447	S-3	NOT Raven® <i>B. subtilis</i> ; profuse growth of small, circular, agar colored colonies with no sheen and rough, raised borders
6	21504	S-1	NOT Raven® <i>B. subtilis</i> ; profuse growth of white-beige, irregular shaped colonies with mucous blister in center

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Run #	Sample CAP ID	Type	Description
6	21585	S-1	NOT Raven® <i>B. subtilis</i> ; profuse growth of small, agar-colored, irregular shaped colonies with flat surface
6	21591	S-2	NOT Raven® <i>B. subtilis</i> ; profuse growth of white-beige, irregular shaped colonies with mucous blister in center
6	21603	S-3	NOT Raven® <i>B. subtilis</i> ; moderate growth of large, spreading, white colonies with rough borders
6	21612	S-2	NOT Raven® <i>B. subtilis</i> ; moderate growth of agar-colored, circular colonies with raised mucous centers
6	21633	SCS-5	NOT Raven® <i>B. subtilis</i> ; moderate growth of large mucous, gray colonies with mucous, slimey surface
6	21637	N-2	NOT Raven® <i>B. subtilis</i> ; profuse growth of large white, spreading, fungal appearing, colonies
6	21649	S-1	NOT Raven® <i>B. subtilis</i> ; profuse growth of small, circular, agar colored colonies with no sheen and rough, raised borders
6	21650	S-2	NOT Raven® <i>B. subtilis</i> ; moderate growth of spreading, white, non-glossy, roundish colonies with irregular edges and a raised center dot
6	22207	SCSP7	Raven® <i>B. subtilis</i> Positive Control ; moderate growth of a mixture of creamy white and yellow-gold colonies, ~ 2 mm, circular, flat surface, and rough borders

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Run #	Sample CAP ID	Type	Description
6	22210	SCSP10	Raven® <i>B. subtilis</i> Positive Control ; moderate growth of a mixture of creamy white and yellow-gold colonies, ~ 2 mm, circular, flat surface, and rough borders
7	32201	SCSP-1	Raven® <i>B. subtilis</i> Positive Control ; moderate growth of orange-gold colonies, ~ 5 mm, circular, flat surface, and irregular borders
7	32202	SCSP-2	Raven® <i>B. subtilis</i> Positive Control ; moderate growth of orange-gold colonies, ~ 5 mm, circular, flat surface, and irregular borders
7	31098	S-2	NOT Raven® <i>B. subtilis</i> ; profuse growth of white-grey, irregular shaped colonies with mucous surface
7	31173	S-3	NOT Raven® <i>B. subtilis</i> ; profuse growth of white, non-glossy, roundish colonies with irregular edges and raised center
7	31459	SCS-6	NOT Raven® <i>B. subtilis</i> ; moderate growth of large, spreading, white colonies with rough borders, non-glossy surface
7	31618	S-3	PROBABLY Raven® <i>B. subtilis</i> ; sparse growth of orange-gold colonies, ~ 5 mm, circular, flat surface, and irregular borders
7	31645	SCS-6	PROBABLY Raven® <i>B. subtilis</i> ; ~ 40 orange-gold colonies, ~ 5 mm, circular, flat surface, and irregular borders; plus several large creamy-white, spreading, dry-appearing colonies with irregular borders
7	240-701	S-2	NOT Raven® <i>B. subtilis</i> ; profuse growth of white-beige,

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			spreading colonies with mucous surface
7	240-710	S-3	NOT Raven® <i>B. subtilis</i> ; moderate growth of white-grey, roundish colonies with mucous surface
7	240-729	S-1	NOT Raven® <i>B. subtilis</i> ; profuse growth of small, creamy-white, circular, colonies with flat non-glossy surface
7	240-752	S-3	NOT Raven® <i>B. subtilis</i> ; moderate growth of small, circular, agar-colored colonies with glossy surface, raised centers
7	240-780	S-1	NOT Raven® <i>B. subtilis</i> ; moderate growth of beige, irregular-shaped colonies with raised and glossy surface
7	240-781	S-2	NOT Raven® <i>B. subtilis</i> ; moderate growth of large white, irregular shaped colonies with mucous blister in center
7	240-794	S-2	NOT Raven® <i>B. subtilis</i> ; moderate growth of large white, irregular shaped colonies with raised centers and mucous surface
7	240-815	S-3	NOT Raven® <i>B. subtilis</i> ; moderate growth of small (<5 mm), circular, creamy-white colonies with no sheen and rough, raised borders
7	240-860	B-2	PROBABLY Raven® <i>B. subtilis</i> ; ~ 8 orange-gold colonies, ~ 5 mm, circular, flat surface, and irregular borders; plus several large creamy-white, spreading, dry-appearing colonies with irregular borders

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Run #	Sample CAP ID	Type	Description
7	240-874	C-6	NOT Raven® <i>B. subtilis</i> ; moderate growth of white-grey, roundish colonies with mucous surface
7	240-879	D-1	PROBABLY Raven® <i>B. subtilis</i> ; sparse growth of orange-gold colonies, ~ 5 mm, circular, flat surface, and irregular borders
7	240-885	D-7	PROBABLY Raven® <i>B. subtilis</i> ; moderate growth of orange-gold colonies, ~ 5 mm, circular, flat surface, and irregular borders
7	240-886	D-8	NOT Raven® <i>B. subtilis</i> ; moderate growth of small (<5 mm), circular, creamy-white colonies with no sheen and rough, raised borders
7	240-887	D-9	PROBABLY Raven® <i>B. subtilis</i> ; ~ 30 orange-gold colonies, ~ 5 mm, circular, flat surface, and irregular borders; plus several large creamy-white, spreading, dry-appearing colonies with irregular borders
7	240-888	D-10	PROBABLY Raven® <i>B. subtilis</i> ; ~ 12 orange-gold colonies, ~ 5 mm, circular, flat surface, and irregular borders; plus several large creamy-white, spreading, dry-appearing colonies with irregular borders