



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 2078

Target pathogen: Hop Latent Viroid

13 December 2024



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 12/11/2024
Date Received: 12/12/2024
Date Reported: 12/13/2024
Total samples: 82

NUMBER SAMPLES INFECTED: 0

Results interpretation:

C_T (cycle threshold) - number of PCR cycles to detect the target. Lower indicates more pathogen in sample.

Control - Amplification of cannabis control gene. Less than 35 cycles indicates an acceptable sample quality and robust PCR amplification. Above 35 cycles indicates poor sample quality.

- FRESH: <24 - 27 C_T
- EXCELLENT: 27 - 30 C_T
- GREAT: 30 - 32 C_T
- OKAY: 32 - 35 C_T
- FAIL: >35 C_T

HLVd - Detection C_T and relative amount of HLVd in the sample:

- HIGH: <15 - 20 C_T
- MEDIUM: 21 - 28 C_T
- LOW: 29 - <35 C_T
- INCONCLUSIVE: >35 C_T

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
.Positive 1	-	29.51	-	+
.Positive 2	-	-	27.03	+
Gorilla Breath 44059	27.17	-	-	-
Gorilla Breath 45424	27.57	-	-	-
Gorilla Breath 45425	28.07	-	-	-
Gorilla Breath 45426	29.2	-	-	-
Gorilla Breath 45427	26.88	-	-	-
Gorilla Breath 45428	30.78	-	-	-
Grape Colada 45481	26.54	-	-	-
Grape Mendez 01	26.97	-	-	-
Grape Mendez 02	27.64	-	-	-
Grape Mendez 03	27.87	-	-	-
Grape Mendez 04	28.82	-	-	-
Grape Mendez 05	26.99	-	-	-
Grape Mendez 06	30.89	-	-	-
Grape Popper 44060	26.45	-	-	-
Grape Popper 44061	26.66	-	-	-
Grape Popper 44062	30.95	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Gruntz 45487	31.1	-	-	-
Gruntz 45488	29.72	-	-	-
GSC 45489	30.31	-	-	-
GSC 45490	29.43	-	-	-
Honey Banana 45441	30.05	-	-	-
Ice Cream Cake 45508	30.05	-	-	-
Ice Cream Cake 45509	27.25	-	-	-
Ice Cream Cake 45510	29.14	-	-	-
Ice Cream Cake 45511	30.89	-	-	-
Ice Cream Cake 45512	29.93	-	-	-
Ice Cream x Gelato 44066	29.29	-	-	-
Ice Cream x Gelato 44067	30.36	-	-	-
Ice Cream x Gelato 44068	29.16	-	-	-
Illemonatti 45491	30.67	-	-	-
Illemonatti 45492	31.02	-	-	-
Jokers NOS 45607	30.28	-	-	-
Lem Cherry x Soap 44064	28.51	-	-	-
Lem Cherry x Soap 44065	29.84	-	-	-
Lemon Cherry Gelato 45513	29.21	-	-	-
Lemon Cherry Gelato 45514	30.84	-	-	-
Lemon Cherry Gelato 45515	26.09	-	-	-
Lemon Cherry Gelato 45516	27.23	-	-	-
Lemon Cherry Gelato 45517	26.84	-	-	-
Mac N Jack 45483	26.75	-	-	-
Mac N Jack 45484	27.23	-	-	-
Maddfruit 45482	28.34	-	-	-
Maui True Blood 45518	29.65	-	-	-
Maui True Blood 45519	29.5	-	-	-
Maui True Blood 45520	29.01	-	-	-
Maui True Blood 45521	28.43	-	-	-
Maui True Blood 45522	30.12	-	-	-
Maui True Blood 45523	29.67	-	-	-
Melted Strawberries 02	30.78	-	-	-
Melted Strawberries 03	25.9	-	-	-
Melted Strawberries 09	27.35	-	-	-
Melted Strawberries 11	27.04	-	-	-
Melted Strawberries 12	27.17	-	-	-
Melted Strawberries 15	26.93	-	-	-
Melted Strawberries 16	27.94	-	-	-
Melted Strawberries 17	30.05	-	-	-
Melted Strawberries 19	29.15	-	-	-
Mieutenant Dan 01	27.2	-	-	-
Mieutenant Dan 02	25.24	-	-	-
Mieutenant Dan 03	25.21	-	-	-
Mieutenant Dan 04	24.3	-	-	-
Mieutenant Dan 05	25.06	-	-	-
Moroccan Peaches 45480	27.79	-	-	-
Permanent Lee Hi 45255	28.82	-	-	-
Permanent Lee Hi 45256	26.23	-	-	-
Pineapple Candy 45485	26.8	-	-	-
Pineapple Candy 45486	26.94	-	-	-
Southern Sunset 45261	23.5	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Stunna Runtz 45381	31.43	-	-	-
Stunna Runtz 45382	27.31	-	-	-
The Bridge 45442	27.41	-	-	-
Trapzilla 44045	25.9	-	-	-
Trapzilla 44046	29	-	-	-
Trop Cherry Runtz 45257	30.47	-	-	-
Trop Cherry Runtz 45258	30.36	-	-	-
Tropicanna Cherries 45493	31.04	-	-	-
Tropicanna Cherries 45494	30.28	-	-	-
Tropicanna Cherries 45495	28.29	-	-	-
Tropicanna Cherries 45496	30.67	-	-	-
Tropicanna Cherries 45497	30.03	-	-	-
Watermelon Wonder 45259	30.13	-	-	-
Watermelon Wonder 45260	30.12	-	-	-

Amplification Plots:

RED = Control, GREEN = HLVd target #1, and BLUE = HLVd target #2





















