



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 2059

Target pathogen: Hop Latent Viroid

22 November 2024



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 11/20/2024
Date Received: 11/21/2024
Date Reported: 11/22/2024
Total samples: 72

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	-	24.9	-	+
.Positive 2	-	-	23.14	+
Gorilla Breath 44059	28.8	-	-	-
Gorilla Breath 45424	28.36	-	-	-
Gorilla Breath 45425	28.7	-	-	-
Gorilla Breath 45426	29.61	-	-	-
Gorilla Breath 45427	26.82	-	-	-
Gorilla Breath 45428	28.63	-	-	-
Grape Colada 45481	27.39	-	-	-
Grape Popper 44060	28.88	-	-	-
Grape Popper 44061	30.26	-	-	-
Grape Popper 44062	29.16	-	-	-
Gruntz 45487	29.44	-	-	-
Gruntz 45488	29.24	-	-	-
GSC 45489	29.31	-	-	-
GSC 45490	26.69	-	-	-
Honey Banana 45441	28.71	-	-	-
Ice Cream Cake 45508	27.13	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Ice Cream Cake 45509	28.04	-	-	-
Ice Cream Cake 45510	29.31	-	-	-
Ice Cream Cake 45511	26.74	-	-	-
Ice Cream Cake 45512	26.76	-	-	-
Ice Cream x Gelato 44066	26.89	-	-	-
Ice Cream x Gelato 44067	29.65	-	-	-
Ice Cream x Gelato 44068	30.37	-	-	-
Illemonatti 45491	29.77	-	-	-
Illemonatti 45492	30.05	-	-	-
Jokers NOS 45607	30	-	-	-
Lem Cherry x Soap 44064	31.23	-	-	-
Lem Cherry x Soap 44065	29	-	-	-
Lemon Cherry Gelato 45513	29.65	-	-	-
Lemon Cherry Gelato 45514	32.22	-	-	-
Lemon Cherry Gelato 45515	31.28	-	-	-
Lemon Cherry Gelato 45516	32.09	-	-	-
Lemon Cherry Gelato 45517	30.41	-	-	-
Lemon Vuitton 01	31.59	-	-	-
Lemon Vuitton 06	31.07	-	-	-
Lemon Vuitton 10	31.07	-	-	-
Lemon Vuitton 12	29.37	-	-	-
Lemon Vuitton 15	32.04	-	-	-
Lemon Vuitton 17	32.04	-	-	-
Lemon Vuitton 20	31.63	-	-	-
Mac N Jack 45483	30.55	-	-	-
Mac N Jack 45484	33.01	-	-	-
Maddfruit 45482	31.54	-	-	-
Maui True Blood 45518	29.25	-	-	-
Maui True Blood 45519	30.27	-	-	-
Maui True Blood 45520	31.09	-	-	-
Maui True Blood 45521	29.78	-	-	-
Maui True Blood 45522	31.24	-	-	-
Maui True Blood 45523	29.96	-	-	-
Melted Strawberries 43772	29.96	-	-	-
Moroccan Peaches 45480	29.81	-	-	-
Mothball 01	29.1	-	-	-
Mothball 02	29.9	-	-	-
Mothball 03	31.77	-	-	-
Mothball 05	31.26	-	-	-
Mothball 06	29.97	-	-	-
Mothball 07	33.05	-	-	-
Mothball 08	30.71	-	-	-
Mothball 09	29.37	-	-	-
Mothball 10	30.51	-	-	-
Papaya Juice 45656	29.48	-	-	-
Papaya Juice 45657	30.66	-	-	-
Papaya Juice 45658	31.95	-	-	-
Papaya Juice 45659	30.97	-	-	-
Papaya Juice 45660	31.46	-	-	-
Papaya Juice 45661	31.78	-	-	-
Papaya Juice 45662	29.54	-	-	-
Permanent Lee Hi 45255	29.14	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Permanent Lee Hi 45256	29.35	-	-	-
Pineapple Candy 45485	31.82	-	-	-
Pineapple Candy 45486	33.48	-	-	-
Southern Sunset 45261	31.21	-	-	-

Amplification Plots:

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



















