



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 3072

Target pathogen: Hop Latent Viroid

14 February 2025



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 02/12/2025
Date Received: 02/13/2025
Date Reported: 02/14/2025
Total samples: 75

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	-	26.17	-	+
.Positive 2	-	-	28.71	+
Havanna Nights 45983	31.1	-	-	-
Havanna Nights 45984	31.1	-	-	-
Hawaiian Rain 45981	29.02	-	-	-
Hawaiian Rain 45982	29.47	-	-	-
Headlights 45979	30.27	-	-	-
Headlights 45980	29.63	-	-	-
Honey Banana 02	25.49	-	-	-
Honey Banana 03	27.17	-	-	-
Honey Banana 05	25.15	-	-	-
Honey Banana 07	25.01	-	-	-
Honey Banana 11	24.5	-	-	-
Honey Banana 12	27.92	-	-	-
Honey Banana 14	26.8	-	-	-
Honey Banana 15	25.71	-	-	-
Honey Banana 16	27.61	-	-	-
Honey Banana 45441	27.79	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Ice Cream Cake 45508	28.51	-	-	-
Ice Cream Cake 45509	29.91	-	-	-
Ice Cream Cake 45510	30.31	-	-	-
Ice Cream Cake 45511	29.89	-	-	-
Ice Cream Cake 45512	31.06	-	-	-
Illemonatti 45491	29.93	-	-	-
Illemonatti 45492	29.88	-	-	-
Jokers NOS 45607	28.39	-	-	-
Lazer Wolf 45977	30.44	-	-	-
Lazer Wolf 45978	29.8	-	-	-
Lemon Cherry Gelato 45513	30.75	-	-	-
Lemon Cherry Gelato 45514	28.78	-	-	-
Lemon Cherry Gelato 45515	28.04	-	-	-
Lemon Cherry Gelato 45516	29.4	-	-	-
Lemon Cherry Gelato 45517	30.16	-	-	-
Mac N Jack 05	30.76	-	-	-
Mac N Jack 06	29.5	-	-	-
Mac N Jack 07	27.53	-	-	-
Mac N Jack 08	27.11	-	-	-
Mac N Jack 09	27.13	-	-	-
Mac N Jack 12	27.54	-	-	-
Mac N Jack 14	27.7	-	-	-
Mac N Jack 16	27.99	-	-	-
Mac N Jack 19	25.97	-	-	-
Mac N Jack 45483	30.51	-	-	-
Mac N Jack 45484	29.39	-	-	-
Maddfruit 45482	29.22	-	-	-
Moroccan Peaches 45480	27.67	-	-	-
Mutenant Dan 45923	29.4	-	-	-
Mutenant Dan 45924	30.02	-	-	-
Mutenant Dan 46132	28.92	-	-	-
Mutenant Dan 46133	29.34	-	-	-
Mutenant Dan 46134	24.14	-	-	-
Peak 112 46124	25.52	-	-	-
Peak 112 46125	23.02	-	-	-
Permanent Lee Hi 46208	24.92	-	-	-
Permanent Lee Hi 46209	25.31	-	-	-
Permanent Lee Hi 46210	24.85	-	-	-
Permanent Lee Hi 46211	25.37	-	-	-
Permanent Lee Hi 46212	25.94	-	-	-
Permanent Lee Hi 46213	24.99	-	-	-
Permanent Lee Hi 46214	25.79	-	-	-
Pineapple Candy 45485	24.81	-	-	-
Pineapple Candy 45486	25.53	-	-	-
Purple Milk 45975	28.98	-	-	-
Purple Milk 45976	28.66	-	-	-
Red Panda 45973	28.84	-	-	-
Red Panda 45974	29.18	-	-	-
Redeye 45971	27.7	-	-	-
Redeye 45972	29.04	-	-	-
RPM 45969	27.85	-	-	-
RPM 45970	28.87	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Southern Sunset 46190	28.88	-	-	-
Southern Sunset 46191	28.84	-	-	-
Southern Sunset 46192	29.04	-	-	-
Southern Sunset 46193	28.34	-	-	-
Southern Sunset 46194	27.38	-	-	-
Southern Sunset 46195	28.17	-	-	-
Southern Sunset 46196	29.16	-	-	-

Amplification Plots:

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





















