



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 3014

Target pathogen: Hop Latent Viroid

06 January 2025



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 01/01/2025
Date Received: 01/03/2025
Date Reported: 01/06/2025
Total samples: 80

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	-	29.84	-	+
.Positive 2	-	-	27.42	+
100 Rackz 01	26.55	-	-	-
100 Rackz 02	28.51	-	-	-
100 Rackz 03	28.06	-	-	-
100 Rackz 04	26.32	-	-	-
100 Rackz 05	26.6	-	-	-
Adios Motherf*cker 01	28.73	-	-	-
Adios Motherf*cker 02	30.35	-	-	-
Adios Motherf*cker 03	28.19	-	-	-
Adios Motherf*cker 04	28.17	-	-	-
Adios Motherf*cker 05	28.42	-	-	-
Azul Bluntz 01	28.32	-	-	-
Azul Bluntz 02	28.59	-	-	-
Azul Bluntz 03	28.4	-	-	-
Azul Bluntz 04	31.49	-	-	-
Azul Bluntz 05	26.98	-	-	-
Bubblegum Sherb 01	27.78	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Bubblegum Sherb 02	29.48	-	-	-
Bubblegum Sherb 03	28.41	-	-	-
Bubblegum Sherb 04	27.96	-	-	-
Bubblegum Sherb 05	28.2	-	-	-
Caramelz 01	25.47	-	-	-
Caramelz 02	26.23	-	-	-
Caramelz 03	25.91	-	-	-
Caramelz 04	27.04	-	-	-
Caramelz 05	27.94	-	-	-
Cryo Wolf 01	27.99	-	-	-
Cryo Wolf 02	27.96	-	-	-
Cryo Wolf 03	27.92	-	-	-
Cryo Wolf 04	25.76	-	-	-
Cryo Wolf 05	28.89	-	-	-
Gasoline Lollipop 01	26.48	-	-	-
Gasoline Lollipop 02	26.61	-	-	-
Gasoline Lollipop 03	27.45	-	-	-
Gasoline Lollipop 04	26.83	-	-	-
Gasoline Lollipop 05	28.19	-	-	-
Gello Shotz 01	28.34	-	-	-
Gello Shotz 02	26.49	-	-	-
Gello Shotz 03	26.13	-	-	-
Gello Shotz 04	26.11	-	-	-
Gello Shotz 05	28.84	-	-	-
Havana Nights 01	26.57	-	-	-
Havana Nights 02	28.43	-	-	-
Havana Nights 03	34.7	-	-	-
Havana Nights 04	27.45	-	-	-
Havana Nights 05	27.64	-	-	-
Illemonatti 45491	31.19	-	-	-
Illemonatti 45492	29.43	-	-	-
Jokers NOS 45607	29.71	-	-	-
Lemon Cherry Gelato 45513	29.7	-	-	-
Lemon Cherry Gelato 45514	28.51	-	-	-
Lemon Cherry Gelato 45515	27.39	-	-	-
Lemon Cherry Gelato 45516	28.34	-	-	-
Lemon Cherry Gelato 45517	30.37	-	-	-
Mac N Jack 45483	30.63	-	-	-
Mac N Jack 45484	29.46	-	-	-
Maddfruit 45482	29.41	-	-	-
Maui True Blood 45518	31.21	-	-	-
Maui True Blood 45519	29.85	-	-	-
Maui True Blood 45520	30.4	-	-	-
Maui True Blood 45521	29	-	-	-
Maui True Blood 45522	28.7	-	-	-
Maui True Blood 45523	29.66	-	-	-
Moroccan Peaches 45480	28.91	-	-	-
Permanent Lee Hi 45255	30.38	-	-	-
Permanent Lee Hi 45256	30.2	-	-	-
Pineapple Candy 45485	30.09	-	-	-
Pineapple Candy 45486	29.02	-	-	-
Southern Sunset 45261	27.72	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Stunna Runtz 45381	33.48	-	-	-
Stunna Runtz 45382	30.4	-	-	-
The Bridge 45442	29.03	-	-	-
Trop Cherry Runtz 45257	28.09	-	-	-
Trop Cherry Runtz 45258	28.86	-	-	-
Tropicanna Cherries 45493	30.11	-	-	-
Tropicanna Cherries 45494	30.67	-	-	-
Tropicanna Cherries 45495	30.51	-	-	-
Tropicanna Cherries 45496	28.37	-	-	-
Tropicanna Cherries 45497	28.02	-	-	-
Watermelon Wonder 45259	30	-	-	-
Watermelon Wonder 45260	29.29	-	-	-

Amplification Plots:

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





















