



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1702

Target pathogen: Hop Latent Viroid

26 April 2024



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 04/24/2024
Date Received: 04/25/2024
Date Reported: 04/26/2024
Total samples: 78

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	-	26.33	-	+
.Positive 2	-	-	22	+
8 inch Bagel 42311	30.01	-	-	-
8 inch Bagel 42312	29.93	-	-	-
8 inch Bagel 42313	28.74	-	-	-
8 inch Bagel 42314	28.37	-	-	-
8 inch Bagel 42315	27.9	-	-	-
8 inch Bagel 42316	28.94	-	-	-
8 inch Bagel 42317	28.16	-	-	-
8 inch Bagel 42318	27.72	-	-	-
Cali Burger 42319	29.55	-	-	-
Cali Burger 42320	28.23	-	-	-
Cali Burger 42321	28.57	-	-	-
Cali Burger 42322	29.95	-	-	-
Cali Burger 42323	27.71	-	-	-
Cap Junky 42324	28.21	-	-	-
Cap Junky 42325	26.92	-	-	-
Cap Junky 42326	27.79	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Cap Junky 42327	25.31	-	-	-
Cap Junky 42328	27	-	-	-
Cap Junky 42329	27.6	-	-	-
Cap Junky 42330	26.47	-	-	-
Cap Junky 42331	25.78	-	-	-
Carbon Fiber 42332	27.24	-	-	-
Carbon Fiber 42333	27.67	-	-	-
Carbon Fiber 42334	28.85	-	-	-
Carbon Fiber 42335	27.25	-	-	-
Carbon Fiber 42336	28.06	-	-	-
Carbon Fiber 42337	28.61	-	-	-
CF 50 42003	28.53	-	-	-
CF 50 42004	30.07	-	-	-
Coconut Milk 42338	27.27	-	-	-
Coconut Milk 42339	29.57	-	-	-
Coconut Milk 42340	29.08	-	-	-
Coconut Milk 42341	29.24	-	-	-
Coconut Milk 42342	29.8	-	-	-
Coconut Milk 42343	28.54	-	-	-
Coconut Milk 42344	29.11	-	-	-
Coconut Milk 42345	29.69	-	-	-
CW-6S 42005	27.85	-	-	-
Gary Payton 42351	27.59	-	-	-
Gary Payton 42352	26.88	-	-	-
Gary Payton 42353	26.75	-	-	-
Gary Payton 42354	27.33	-	-	-
Gary Payton 42355	28.42	-	-	-
Gas Face #1 41935	28.56	-	-	-
Gas Face #1 41936	29.76	-	-	-
Gas Face #1 41937	28.77	-	-	-
Gas Face #1 41938	28.99	-	-	-
Gas Face #1 41939	28.27	-	-	-
Gas Face #1 41940	27.98	-	-	-
Goofiez 42356	29.35	-	-	-
Goofiez 42357	26.83	-	-	-
Goofiez 42358	28.56	-	-	-
Goofiez 42359	27.47	-	-	-
Goofiez 42360	28	-	-	-
Gush Mints 42361	26.41	-	-	-
Gush Mints 42362	27.21	-	-	-
Gush Mints 42363	27.69	-	-	-
Gush Mints 42364	27.59	-	-	-
Gush Mints 42365	29.15	-	-	-
Ice Cream Cake 42229	28.22	-	-	-
Ice Cream Cake 42230	28.29	-	-	-
Ice Cream Cake 42231	29.81	-	-	-
Ice Cream Cake 42232	28.76	-	-	-
Ice Cream Cake 42233	27.01	-	-	-
Ice Cream Cake 42234	28.73	-	-	-
Ice Cream Cake 42235	28.31	-	-	-
Ice Cream Cake 42236	29.71	-	-	-
Lemon Cherry Gelato 42247	28.39	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Lemon Cherry Gelato 42248	29.82	-	-	-
Lemon Cherry Gelato 42249	29.31	-	-	-
Lemon Cherry Gelato 42250	29.89	-	-	-
Lemon Cherry Gelato 42251	29.32	-	-	-
Lemon Cherry Gelato 42252	28.66	-	-	-
Lemon Pastries 42366	29.2	-	-	-
Lemon Pastries 42367	29.9	-	-	-
Lemon Pastries 42368	28.56	-	-	-
Lemon Pastries 42369	27.86	-	-	-
Lemon Pastries 42370	29.18	-	-	-

Amplification Plots:

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





















