



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1488

Target pathogen: Hop Latent Viroid

12 January 2024



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 01/09/2024
Date Received: 01/12/2024
Date Reported: 01/12/2024
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	-	28.2	-	+
.Positive 2	-	-	30.11	+
Acai Gelato 10 A	26.17	-	-	-
Acai Gelato 11 A	25.3	-	-	-
Acai Gelato 14 A	22.54	-	-	-
Acai Gelato 15 A	22.86	-	-	-
Acai Gelato 18 A	24.93	-	-	-
Acai Gelato 20 A	22.39	-	-	-
Banana Bread 1 A	24.27	-	-	-
Banana Bread 10 A	24.94	-	-	-
Banana Bread 11 A	22.84	-	-	-
Banana Bread 15 A	26.81	-	-	-
Banana Bread 2 A	23.01	-	-	-
Banana Bread 6 A	26.94	-	-	-
Banana Bread 7 A	23.95	-	-	-
Banana Bread 8 A	25.13	-	-	-
Cap Junky 1 A	26.16	-	-	-
Cap Junky 4 A	23.07	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Cap Junky 5 A	26.68	-	-	-
Cap Junky 6 A	24.93	-	-	-
Cap Junky 7 A	23.4	-	-	-
Carbon Fiber 1 A	24.71	-	-	-
Carbon Fiber 11 A	26.7	-	-	-
Carbon Fiber 12 A	23.82	-	-	-
Carbon Fiber 13 A	22.93	-	-	-
Carbon Fiber 16 A	23.08	-	-	-
Carbon Fiber 19 A	26.31	-	-	-
Carbon Fiber 3 A	24.43	-	-	-
Carbon Fiber 6 A	25.35	-	-	-
Cream Filling 1 A	26.18	-	-	-
Cream Filling 10 A	22.84	-	-	-
Cream Filling 2 A	25.16	-	-	-
Cream Filling 3 A	25.41	-	-	-
Cream Filling 6 A	22.55	-	-	-
Cream Filling 7 A	23.15	-	-	-
Cream Filling 8 A	24.94	-	-	-
Cream Filling 9 A	21.36	-	-	-
Frozen Rose 10 A	26.93	-	-	-
Frozen Rose 13 A	24.24	-	-	-
Frozen Rose 15 A	23.78	-	-	-
Frozen Rose 6 A	23.6	-	-	-
Frozen Rose 9 A	24.12	-	-	-
Goofiez 1 A	23.9	-	-	-
Goofiez 11 A	23.16	-	-	-
Goofiez 12 A	23.26	-	-	-
Goofiez 13 A	25.22	-	-	-
Goofiez 14 A	23.57	-	-	-
Goofiez 17 A	22.39	-	-	-
Goofiez 18 A	25.24	-	-	-
Goofiez 19 A	24.63	-	-	-
Goofiez 4 A	22.87	-	-	-
Goofiez 8 A	23.66	-	-	-
Gush Mints 12 A	23.2	-	-	-
Gush Mints 13 A	23.22	-	-	-
Gush Mints 14 A	24.35	-	-	-
Gush Mints 3 A	22.87	-	-	-
Gush Mints 8 A	23.73	-	-	-
Ice Cream Cake 1 A	22.86	-	-	-
Ice Cream Cake 2 A	25.26	-	-	-
Ice Cream Cake 3 A	23.8	-	-	-
Ice Cream Cake 4 A	23.93	-	-	-
Ice Cream Cake 5 A	23.79	-	-	-
Ice Cream Cake 6 A	23.4	-	-	-
Ice Cream Cake 7 A	25.95	-	-	-
Ice Cream Cake 8 A	21.92	-	-	-
Noize Complaint 1 A	24.04	-	-	-
Noize Complaint 10 A	23.68	-	-	-
Noize Complaint 11 A	23.13	-	-	-
Noize Complaint 5 A	24.81	-	-	-
Noize Complaint 6 A	22.48	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Pink RNTZ 10 A	22.86	-	-	-
Pink RNTZ 11 A	22.05	-	-	-
Pink RNTZ 14 A	21.12	-	-	-
Pink RNTZ 6 A	24.29	-	-	-
Pink RNTZ 7 A	24.19	-	-	-
Pink RNTZ 9 A	22.87	-	-	-
Purple Octane 1 A	24.02	-	-	-
Purple Octane 12 A	23.86	-	-	-
Purple Octane 14 A	22.35	-	-	-
Purple Octane 3 A	22.8	-	-	-
Purple Octane 7 A	23.56	-	-	-
Purple Octane 9 A	22.52	-	-	-

Amplification Plots:

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





















