



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1402

Target pathogen: Hop Latent Viroid

20 October 2023



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 10/18/2023
Date Received: 10/19/2023
Date Reported: 10/20/2023
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	-	29.17	-	+
.Positive 2	-	-	23.93	+
Apples & Bananas 41369	24.17	-	-	-
Apples & Bananas 41370	23.35	-	-	-
Apples & Bananas 41371	22.52	-	-	-
Apples & Bananas 41372	24.41	-	-	-
Apples & Bananas 41373	23.92	-	-	-
Cereal Milk 41374	21.46	-	-	-
Cereal Milk 41375	23.67	-	-	-
Cereal Milk 41376	21.37	-	-	-
Cereal Milk 41377	22.25	-	-	-
Cereal Milk 41378	22.6	-	-	-
Cream Filling 41440	22.52	-	-	-
Cream Filling 41441	22.19	-	-	-
Cream Filling 41442	28.52	-	-	-
Cream Filling 41443	27.33	-	-	-
Frosted Flakez 41434	29.44	-	-	-
Frosted Flakez 41435	28.8	-	-	-



Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Frosted Flakez 41436	28.48	-	-	-
Frosted Flakez 41437	30.21	-	-	-
Frosted Flakez 41438	28.91	-	-	-
Frosted Flakez 41439	27.87	-	-	-
Grapes & Cream 41428	27.82	-	-	-
Grapes & Cream 41429	27.95	-	-	-
Grapes & Cream 41430	28.86	-	-	-
Grapes & Cream 41431	28.41	-	-	-
Gush Mints 41424	29.64	-	-	-
Gush Mints 41425	28.84	-	-	-
Gush Mints 41426	27.74	-	-	-
Gush Mints 41427	27.45	-	-	-
Jealousy 41419	26.2	-	-	-
Jealousy 41420	28.53	-	-	-
Jealousy 41421	27.7	-	-	-
Jealousy 41422	27.21	-	-	-
Jealousy 41423	25.73	-	-	-
Jokerz 41409	29.09	-	-	-
Jokerz 41410	29.48	-	-	-
Jokerz 41411	28.59	-	-	-
Jokerz 41412	25.12	-	-	-
Jokerz 41413	25.13	-	-	-
Jungle Juice 41404	24.38	-	-	-
Jungle Juice 41405	24.79	-	-	-
Jungle Juice 41406	24.48	-	-	-
Jungle Juice 41407	25.8	-	-	-
Jungle Juice 41408	27.01	-	-	-
Kush Crasher 41399	25.01	-	-	-
Kush Crasher 41400	26.28	-	-	-
Kush Crasher 41401	24.25	-	-	-
Kush Crasher 41402	25.99	-	-	-
Kush Crasher 41403	24.13	-	-	-
Mendo Coco 40153	28.54	-	-	-
Mendo Coco 40154	27.86	-	-	-
Mule Fuel 40368	27	-	-	-
Mule Fuel 40369	27.49	-	-	-
Mule Fuel 40370	26.96	-	-	-
Pink RNTZ 41394	28.33	-	-	-
Pink RNTZ 41395	27.62	-	-	-
Pink RNTZ 41396	27.73	-	-	-
Pink RNTZ 41397	27.52	-	-	-
Pink RNTZ 41398	27.38	-	-	-
Power Mintz 41389	26.5	-	-	-
Power Mintz 41390	26.29	-	-	-
Power Mintz 41391	23.29	-	-	-
Power Mintz 41392	22.58	-	-	-
Power Mintz 41393	23.96	-	-	-
Punch Breath 40172	25.24	-	-	-
Punch Breath 40173	24.25	-	-	-
Tropicanna Cherries 40294	24.63	-	-	-
Tropicanna Cherries 40295	25.06	-	-	-
Tropicanna Cherries 40296	26.64	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Tropsicle 41379	25.11	-	-	-
Tropsicle 41380	24.16	-	-	-
Tropsicle 41381	24.95	-	-	-
Tropsicle 41382	25.64	-	-	-
White Truffle 41383	25.34	-	-	-
White Truffle 41384	24.91	-	-	-
White Truffle 41385	25.57	-	-	-
White Truffle 41386	25.22	-	-	-
White Truffle 41387	25.07	-	-	-
White Truffle 41388	29.34	-	-	-

Amplification Plots:

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





















