



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1422

Target pathogen: Hop Latent Viroid

11 November 2023



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 11/08/2023
Date Received: 11/10/2023
Date Reported: 11/11/2023
Total samples: 69

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	-	24.66	-	+
.Positive 2	-	-	22.98	+
Cap Junky 01 A	27.44	-	-	-
Cap Junky 02 A	28.19	-	-	-
Cap Junky 07 A	26.51	-	-	-
Cap Junky 08 A	27.4	-	-	-
Cap Junky 10 A	26.47	-	-	-
Carbon Fiber 01 A	29.09	-	-	-
Carbon Fiber 04 A	27.13	-	-	-
Carbon Fiber 08 A	27.24	-	-	-
Carbon Fiber 11 A	27.12	-	-	-
Carbon Fiber 15 A	27.28	-	-	-
Carbon Fiber 16 A	26.02	-	-	-
Carbon Fiber 20 A	24.74	-	-	-
Coconut Milk 01 A	24.23	-	-	-
Coconut Milk 02 A	26.18	-	-	-
Coconut Milk 06 A	26.63	-	-	-
Coconut Milk 08 A	25.82	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Coconut Milk 09 A	24.91	-	-	-
Coconut Milk 13 A	26.03	-	-	-
Coconut Milk 14 A	25.49	-	-	-
Jack Herer 40388	24.89	-	-	-
Jack Herer 40389	23.36	-	-	-
Menage 41464	24.23	-	-	-
Menage 41465	26.92	-	-	-
Menage 41466	25.39	-	-	-
Menage 41467	23.53	-	-	-
Menage 41468	27.32	-	-	-
Modified Grapes 41511	25.88	-	-	-
Modified Grapes 41512	25.82	-	-	-
Modified Grapes 41513	26.57	-	-	-
Modified Grapes 41514	25.72	-	-	-
Pineapple Fruz 41474	26.29	-	-	-
Pineapple Fruz 41475	30.56	-	-	-
Pineapple Fruz 41476	30.07	-	-	-
Pineapple Fruz 41477	30.31	-	-	-
Pineapple Fruz 41478	29.34	-	-	-
Pineapple Fruz 41479	30.39	-	-	-
Purple Churro 41480	30.32	-	-	-
Purple Churro 41481	30.06	-	-	-
Purple Churro 41482	30.31	-	-	-
Southern Sugar 41485	29.87	-	-	-
Southern Sugar 41486	28.46	-	-	-
Southern Sugar 41487	28.56	-	-	-
Southern Sugar 41488	28.77	-	-	-
Southern Sugar 41489	30.62	-	-	-
Southern Sugar 41490	29.86	-	-	-
Tang Breath 40285	29.22	-	-	-
Tang Breath 40286	29.9	-	-	-
Tang Breath 40287	30.3	-	-	-
The Soap 40400	30.01	-	-	-
The Soap 40401	29.74	-	-	-
The Soap 40402	31.04	-	-	-
The Soap 40403	30.19	-	-	-
The Soap 40404	30	-	-	-
The Soap 40405	30.3	-	-	-
Tokyo Snow 41491	29.54	-	-	-
Tokyo Snow 41492	24.44	-	-	-
Tokyo Snow 41493	25.74	-	-	-
Tokyo Snow 41494	25.7	-	-	-
Tokyo Snow 41495	25.98	-	-	-
White Choc Chip #8 40395	26.37	-	-	-
White Choc Chip #8 40396	26.33	-	-	-
White Choc Chip #8 40397	26.24	-	-	-
White Choc Chip #8 40398	26.5	-	-	-
White Choc Chip #8 40399	26.37	-	-	-
Zlurpee 41496	23.17	-	-	-
Zlurpee 41497	23.98	-	-	-
Zlurpee 41498	24.52	-	-	-
Zlurpee 41499	30.73	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Zlurpee 41500	28.8	-	-	-

Amplification Plots:

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



















