



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1387

Target pathogen: Hop Latent Viroid

29 September 2023



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 09/26/2023
Date Received: 09/29/2023
Date Reported: 09/29/2023
Total samples: 79

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	-	29.42	-	+
.Positive 2	-	-	31.1	+
Banana Bread 02 A	22.6	-	-	-
Banana Bread 09 A	21.41	-	-	-
Banana Bread 11 A	22.33	-	-	-
Cap Junky 03 A	23.51	-	-	-
Cap Junky 05 A	23.82	-	-	-
Cap Junky 16 A	23.02	-	-	-
Cap Junky 18 A	26.15	-	-	-
Cap Junky 21 A	24.37	-	-	-
Cap Junky 22 A	24.63	-	-	-
Cap Junky 23 A	24.85	-	-	-
Cheetah Piss 02 A	25.72	-	-	-
Cheetah Piss 08 A	25.4	-	-	-
Cheetah Piss 12 A	23.61	-	-	-
Cheetah Piss 13 A	24.32	-	-	-
Cheetah Piss 15 A	25.71	-	-	-
Collins Ave 03 A	24.24	-	-	-



Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Collins Ave 04 A	24.81	-	-	-
Collins Ave 08 A	25.53	-	-	-
Collins Ave 10 A	24.46	-	-	-
Collins Ave 15 A	24.1	-	-	-
Double Shots 05 A	25.41	-	-	-
Double Shots 10 A	25.21	-	-	-
Double Shots 13 A	28.26	-	-	-
Fish Scale 01 A	25.42	-	-	-
Fish Scale 05 A	22.09	-	-	-
Fish Scale 07 A	22.96	-	-	-
Fish Scale 08 A	25.17	-	-	-
Fish Scale 15 A	25.01	-	-	-
Georgia Cheesecake 02 A	25.04	-	-	-
Georgia Cheesecake 06 A	23.76	-	-	-
Georgia Cheesecake 07 A	24.41	-	-	-
Georgia Cheesecake 10 A	25.43	-	-	-
Georgia Cheesecake 13 A	25.29	-	-	-
Gush Mints 01 A	24.9	-	-	-
Gush Mints 03 A	25.39	-	-	-
Gush Mints 05 A	24.87	-	-	-
Gush Mints 10 A	25.39	-	-	-
Pink CRTZ 04 A	24.51	-	-	-
Pink CRTZ 06 A	25.32	-	-	-
Pink CRTZ 07 A	26.62	-	-	-
Pink CRTZ 08 A	25.1	-	-	-
Pink CRTZ 14 A	25.56	-	-	-
Purple Octane 01 A	26.78	-	-	-
Purple Octane 05 A	23.79	-	-	-
Purple Octane 09 A	29.04	-	-	-
Purple Octane 10 A	25.34	-	-	-
Purple Octane 15 A	25.4	-	-	-
Purple Octane 16 A	20.36	-	-	-
RS-11 02 A	23.09	-	-	-
RS-11 04 A	23.27	-	-	-
RS-11 05 A	23.49	-	-	-
RS-11 10 A	24.06	-	-	-
RS-11 13 A	23.8	-	-	-
RS-11 14 A	25.21	-	-	-
Spritzer 03 A	23.38	-	-	-
Spritzer 04 A	26.09	-	-	-
Spritzer 05 A	25.69	-	-	-
Super Charger 03 A	26.52	-	-	-
Super Charger 05 A	25	-	-	-
Super Charger 10 A	26.9	-	-	-
Super Charger 12 A	21.22	-	-	-
Super Charger 14 A	23.73	-	-	-
The Emerald Cut 03 A	22.27	-	-	-
The Emerald Cut 08 A	24.89	-	-	-
The Emerald Cut 11 A	22	-	-	-
The Emerald Cut 15 A	25.96	-	-	-
The Emerald Cut 17 A	23.22	-	-	-
The Emerald Cut 18 A	24.01	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Wonder Dawg 03 A	26.86	-	-	-
Wonder Dawg 07 A	25.03	-	-	-
Wonder Dawg 12 A	24.16	-	-	-
Wonder Dawg 14 A	24.7	-	-	-
Wonder Dawg 15 A	24.59	-	-	-
Wonder Dawg 18 A	25.34	-	-	-
Zazhimi 03 A	22.32	-	-	-
Zazhimi 06 A	25.09	-	-	-
Zazhimi 14 A	26.95	-	-	-
Zazhimi 15 A	26.22	-	-	-
Zazhimi 20 A	24.01	-	-	-

Amplification Plots:

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





















