



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1444

Target pathogen: Hop Latent Viroid

11 December 2023



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 11/29/2023
Date Received: 11/30/2023
Date Reported: 12/11/2023
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	-	31.79	-	+
.Positive 2	-	-	33.77	+
Apples & Bananas 02 A	22.75	-	-	-
Apples & Bananas 05 A	26.44	-	-	-
Apples & Bananas 10 A	25.79	-	-	-
Apples & Bananas 12 A	26.08	-	-	-
Apples & Bananas 14 A	27.32	-	-	-
Apples & Bananas 15 A	26.73	-	-	-
Cereal Milk 01 A	24.46	-	-	-
Cereal Milk 05 A	24.64	-	-	-
Cereal Milk 07 A	25.13	-	-	-
Cereal Milk 08 A	24.95	-	-	-
Cereal Milk 10 A	29.56	-	-	-
Cereal Milk 11 A	24.05	-	-	-
Cereal Milk 15 A	26.23	-	-	-
Cream Filling 01 A	25.88	-	-	-
Cream Filling 06 A	27.81	-	-	-
Cream Filling 08 A	24.48	-	-	-



Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Cream Filling 10 A	22.18	-	-	-
E85 06 A	23.12	-	-	-
E85 08 A	27.06	-	-	-
E85 13 A	28.57	-	-	-
E85 14 A	22.33	-	-	-
Frosted Flakez 01 A	25.04	-	-	-
Frosted Flakez 06 A	23.32	-	-	-
Frosted Flakez 08 A	24.07	-	-	-
Frosted Flakez 09 A	27.87	-	-	-
Grapes & Cream 02 A	25.05	-	-	-
Grapes & Cream 09 A	28.96	-	-	-
Grapes & Cream 10 A	21.32	-	-	-
Jokerz 01 A	24.95	-	-	-
Jokerz 04 A	26.14	-	-	-
Jokerz 05 A	25.75	-	-	-
Jokerz 08 A	24.63	-	-	-
Jokerz 09 A	29.52	-	-	-
Jokerz 12 A	24.52	-	-	-
Jokerz 15 A	26.19	-	-	-
Jungle Juice 01 A	27.91	-	-	-
Purple Octane 41571	25.12	-	-	-
Rainbow Sherb 11 41572	25.92	-	-	-
Rainbow Sherb 11 41573	24.61	-	-	-
Rainbow Sherb 11 41574	24.96	-	-	-
Rainbow Sherb 11 41575	23.85	-	-	-
Rainbow Sherb 11 41576	23.97	-	-	-
Rainbow Sherb 11 41577	24.5	-	-	-
Spritzer 41578	24.83	-	-	-
Spritzer 41579	27.1	-	-	-
Spritzer 41580	24.12	-	-	-
Super Charger 41581	24.42	-	-	-
Super Charger 41582	28.19	-	-	-
Super Charger 41583	26.01	-	-	-
Super Charger 41584	28.53	-	-	-
Super Charger 41585	25.09	-	-	-
The Emerald Cut 41586	25.36	-	-	-
The Emerald Cut 41587	25.14	-	-	-
The Emerald Cut 41588	22.8	-	-	-
The Emerald Cut 41589	24.5	-	-	-
The Emerald Cut 41590	23.1	-	-	-
The Emerald Cut 41591	25.51	-	-	-
Tropicanna Cherries 41706	25.59	-	-	-
Tropicanna Cherries 41707	24.46	-	-	-
Tropicanna Cherries 41708	25.85	-	-	-
Tropicanna Cherries 41709	23.34	-	-	-
Tropicanna Cherries 41710	27.07	-	-	-
Wonder Dawg 41592	23.12	-	-	-
Wonder Dawg 41593	24.33	-	-	-
Wonder Dawg 41594	23.53	-	-	-
Wonder Dawg 41595	22.32	-	-	-
Wonder Dawg 41596	24.75	-	-	-
Wonder Dawg 41597	22.76	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Zazhimi 41598	28.63	-	-	-
Zazhimi 41599	24.79	-	-	-
Zazhimi 41600	25.26	-	-	-
Zazhimi 41601	23.91	-	-	-
Zazhimi 41602	24.09	-	-	-
Zonkerz 41693	29.17	-	-	-
Zonkerz 41694	24.88	-	-	-
Zonkerz 41695	25.29	-	-	-
Zonkerz 41696	24.86	-	-	-
Zonkerz 41697	24.65	-	-	-
Zonkerz 41698	24.97	-	-	-
Zonkerz 41742	24.28	-	-	-

Amplification Plots:

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





















