



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 2027

Target pathogen: Hop Latent Viroid

01 November 2024



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 10/30/2024
Date Received: 10/31/2024
Date Reported: 11/01/2024
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	-	22.93	-	+
.Positive 2	-	-	31.86	+
Acai Gelato 45605	30.81	-	-	-
Acai Gelato 45606	29.93	-	-	-
Animal Mintz x Kush Mintz 42914	31.04	-	-	-
Apple Tartz 43778	31.42	-	-	-
Big Buns 43986	30.05	-	-	-
Big Buns 43987	30.04	-	-	-
Big Buns 43988	31.16	-	-	-
Black Maple 44069	28.94	-	-	-
Black Maple 44070	29.71	-	-	-
Black Maple 44071	29.1	-	-	-
Black Maple 44072	30.48	-	-	-
Black Maple 44073	28.84	-	-	-
Black Sundae 45262	30.94	-	-	-
Blue Lobster 44063	31.57	-	-	-
Bluemosas 43960	29.89	-	-	-
Bluemosas 43961	32	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Cadillac Rainbows 43774	32.37	-	-	-
Cookie Monster 45443	29.72	-	-	-
Dark Queen #8 44057	29.04	-	-	-
Dark Queen #8 44058	29.4	-	-	-
Dark Queen #8 45434	28.87	-	-	-
Dark Queen #8 45435	27.72	-	-	-
Dark Queen #8 45436	29.13	-	-	-
Dark Queen #8 45437	29	-	-	-
Dark Queen #8 45438	28.79	-	-	-
Dark Queen #8 45439	29.04	-	-	-
Dark Queen #8 45440	29.69	-	-	-
Dawg Cake 45422	29.85	-	-	-
Dawg Cake 45423	30.23	-	-	-
Devils Den #1 44134	29.26	-	-	-
Devils Den #1 45584	31.41	-	-	-
Devils Den #1 45585	29.5	-	-	-
Devils Den #1 45586	30.25	-	-	-
Devils Den #1 45587	28.91	-	-	-
Devils Den #1 45588	29.78	-	-	-
Devils Den #1 45589	27.65	-	-	-
Devils Den #1 45590	29.14	-	-	-
Garlic Juice 43779	29.48	-	-	-
Garlic Juice 44079	28.68	-	-	-
Garlic Juice 44080	29.29	-	-	-
Garlic Juice 44081	33.66	-	-	-
Garlic Juice 44082	28.83	-	-	-
Garlic Juice 44083	29.6	-	-	-
Gorilla Breath 44059	29.67	-	-	-
Gorilla Breath 45424	29.89	-	-	-
Gorilla Breath 45425	28.46	-	-	-
Gorilla Breath 45426	31.36	-	-	-
Gorilla Breath 45427	29.4	-	-	-
Gorilla Breath 45428	31.06	-	-	-
Spritzer 45361	29.52	-	-	-
Spritzer 45362	29.29	-	-	-
Spritzer 45363	30.16	-	-	-
Spritzer 45364	30.17	-	-	-
Spritzer 45365	28.72	-	-	-
Supreme Lee-Hi 44099	31.04	-	-	-
Supreme Lee-Hi 44100	30.37	-	-	-
Supreme Lee-Hi 44101	30.11	-	-	-
Supreme Lee-Hi 44102	29.93	-	-	-
Supreme Lee-Hi 44103	25.6	-	-	-
Trap Fuel 44089	29.64	-	-	-
Trap Fuel 44090	30.63	-	-	-
Trap Fuel 44091	29.75	-	-	-
Trap Fuel 44092	28.66	-	-	-
Trap Fuel 44093	28.61	-	-	-
Velvet Cherry 44127	31.58	-	-	-
Velvet Cherry 44128	30.73	-	-	-
Velvet Cherry 44129	29.03	-	-	-
Velvet Cherry 44130	29.49	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Velvet Cherry 44131	29.88	-	-	-
Velvet Cherry 44132	31.35	-	-	-
Velvet Cherry 44133	30.51	-	-	-
White Choc Chip #8 45250	30.19	-	-	-
White Choc Chip #8 45251	29.99	-	-	-
White Choc Chip #8 45252	29.14	-	-	-
White Choc Chip #8 45253	28.32	-	-	-
White Choc Chip #8 45254	28.81	-	-	-
Zlurpee 45377	28.86	-	-	-
Zlurpee 45378	29.49	-	-	-
Zlurpee 45379	29.27	-	-	-
Zlurpee 45380	29.34	-	-	-

Amplification Plots:

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





















