



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 2059

Target pathogen: Hop Latent Viroid

22 November 2024



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 11/20/2024
Date Received: 11/21/2024
Date Reported: 11/22/2024
Total samples: 77

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	-	28.67	-	+
.Positive 2	-	-	30.38	+
Acai Gelato 45605	27.07	-	-	-
Acai Gelato 45606	29.26	-	-	-
Animal Mintz x Kush Mintz 01	26.19	-	-	-
Animal Mintz x Kush Mintz 02	28.96	-	-	-
Animal Mintz x Kush Mintz 03	29.71	-	-	-
Animal Mintz x Kush Mintz 04	29.62	-	-	-
Animal Mintz x Kush Mintz 06	27.06	-	-	-
Animal Mintz x Kush Mintz 08	28.4	-	-	-
Animal Mintz x Kush Mintz 09	26.62	-	-	-
Animal Mintz x Kush Mintz 14	28.16	-	-	-
Animal Mintz x Kush Mintz 18	27.91	-	-	-
Apple Tartz 01	24.93	-	-	-
Apple Tartz 05	29.34	-	-	-
Apple Tartz 07	34.4	-	-	-
Apple Tartz 11	33.5	-	-	-
Apple Tartz 12	27.99	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Apple Tartz 13	27.54	-	-	-
Apple Tartz 16	26.88	-	-	-
Apple Tartz 17	28.29	-	-	-
Apple Tartz 18	30.1	-	-	-
Big Buns 43986	27.19	-	-	-
Big Buns 43987	26.85	-	-	-
Big Buns 43988	26.44	-	-	-
Black Sundae 45262	26.47	-	-	-
Blue Lobster 44063	29.56	-	-	-
Blumosa 43960	27.94	-	-	-
Blumosa 43961	27.5	-	-	-
Cadillac Rainbows 01	31.02	-	-	-
Cadillac Rainbows 04	28.07	-	-	-
Cadillac Rainbows 05	31.29	-	-	-
Cadillac Rainbows 06	33.35	-	-	-
Cadillac Rainbows 08	32.53	-	-	-
Cadillac Rainbows 16	27.23	-	-	-
Cherry Dosi 45503	26.72	-	-	-
Cherry Dosi 45504	29.41	-	-	-
Cherry Dosi 45505	28.49	-	-	-
Cherry Dosi 45506	29.1	-	-	-
Cherry Dosi 45507	28.79	-	-	-
Cookie Monster 45443	30.21	-	-	-
Dark Queen #8 44057	28.67	-	-	-
Dark Queen #8 44058	29.03	-	-	-
Dark Queen #8 45434	29.98	-	-	-
Dark Queen #8 45435	27.99	-	-	-
Dark Queen #8 45436	26.22	-	-	-
Dark Queen #8 45437	28.16	-	-	-
Dark Queen #8 45438	27.28	-	-	-
Dark Queen #8 45439	28.88	-	-	-
Dark Queen #8 45440	29.1	-	-	-
Dark Queen 45498	29.72	-	-	-
Dark Queen 45499	30.09	-	-	-
Dark Queen 45500	31.15	-	-	-
Dark Queen 45501	28.18	-	-	-
Dark Queen 45502	29.81	-	-	-
Dawg Cake 45422	28.55	-	-	-
Dawg Cake 45423	26.56	-	-	-
Devil's Den #1 44134	27.71	-	-	-
Devil's Den #1 45584	28.35	-	-	-
Devil's Den #1 45585	29.03	-	-	-
Devil's Den #1 45586	28.69	-	-	-
Devil's Den #1 45587	27.96	-	-	-
Devil's Den #1 45588	28.96	-	-	-
Devil's Den #1 45589	27.18	-	-	-
Devil's Den #1 45590	29.46	-	-	-
Garlic Juice 43779	28.39	-	-	-
White Choc Chip #8 45444	30.77	-	-	-
White Choc Chip #8 45445	30.87	-	-	-
White Choc Chip #8 45446	30.84	-	-	-
White Choc Chip #8 45447	31.69	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
White Choc Chip #8 45448	27.29	-	-	-
Zoap 45449	27.8	-	-	-
Zoap 45450	26.14	-	-	-
Zoap 45451	28.66	-	-	-
Zoap 45452	27.2	-	-	-
Zoap 45453	26.94	-	-	-
Zoap 45454	27.93	-	-	-
Zoap 45455	27.21	-	-	-
Zoap 45456	27.97	-	-	-

Amplification Plots:

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





















