



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 4072

Target pathogen: Hop Latent Viroid

18 April 2025



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 04/16/2025
Date Received: 04/17/2025
Date Reported: 04/18/2025
Total samples: 76

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	-	25.74	-	+
.Positive 2	-	-	27.85	+
8 inch Bagel 46526	29.89	-	-	-
8 inch Bagel 46527	30.04	-	-	-
8 inch Bagel 46528	28.45	-	-	-
8 inch Bagel 46529	29.52	-	-	-
8 inch Bagel 46530	31.24	-	-	-
8 inch Bagel 46531	28.65	-	-	-
8 inch Bagel 46532	31.12	-	-	-
Acai Gelato 46533	29.44	-	-	-
Acai Gelato 46534	28.42	-	-	-
Acai Gelato 46535	28.33	-	-	-
Acai Gelato 46536	28.7	-	-	-
Acai Gelato 46537	29.72	-	-	-
Apple Tartz 46538	31.62	-	-	-
Apple Tartz 46539	29.23	-	-	-
Apple Tartz 46540	31.04	-	-	-
Apple Tartz 46541	30.08	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Apple Tartz 46542	30.84	-	-	-
Apple Tartz 46543	28.96	-	-	-
Apple Tartz 46544	29.54	-	-	-
Blumosa 46698	30.7	-	-	-
Blumosa 46699	29.19	-	-	-
Blumosa 46700	28.79	-	-	-
Blumosa 46701	29	-	-	-
Blumosa 46702	30.7	-	-	-
Blumosa 46703	31.94	-	-	-
Blumosa 46704	30.34	-	-	-
Cadillac Rainbows 46545	29.46	-	-	-
Cadillac Rainbows 46546	27.03	-	-	-
Cadillac Rainbows 46547	29.37	-	-	-
Cadillac Rainbows 46548	30.14	-	-	-
Cadillac Rainbows 46549	29.23	-	-	-
Cadillac Rainbows 46550	28.11	-	-	-
Cadillac Rainbows 46551	29.36	-	-	-
Cherry Dosi 46552	28.19	-	-	-
Cherry Dosi 46553	29.11	-	-	-
Cherry Dosi 46554	29.9	-	-	-
Cherry Dosi 46555	29.27	-	-	-
Cherry Dosi 46556	29.18	-	-	-
Cherry Dosi 46557	30.85	-	-	-
Chicken & Waffles 46558	29.05	-	-	-
Chicken & Waffles 46559	30.16	-	-	-
Chicken & Waffles 46560	29.02	-	-	-
Chicken & Waffles 46561	29.64	-	-	-
Chicken & Waffles 46562	29.14	-	-	-
Dante's Cookie Jar 46563	30.98	-	-	-
Dante's Cookie Jar 46564	29.89	-	-	-
Dante's Cookie Jar 46565	29.21	-	-	-
Dante's Cookie Jar 46566	32.09	-	-	-
Dante's Cookie Jar 46567	29.42	-	-	-
Dante's Cookie Jar 46568	30.26	-	-	-
Dante's Cookie Jar 46569	29.54	-	-	-
Dante's Cookie Jar 46570	31.04	-	-	-
Dark Queen #8 46571	29.88	-	-	-
Dark Queen #8 46572	28.98	-	-	-
Dark Queen #8 46573	28.92	-	-	-
Dark Queen #8 46574	29.12	-	-	-
Dark Queen #8 46575	28.97	-	-	-
Dark Queen #8 46576	28.89	-	-	-
Dark Queen #8 46577	29.62	-	-	-
Gorilla Breath 46578	29.26	-	-	-
Gorilla Breath 46579	29.53	-	-	-
Gorilla Breath 46580	29.75	-	-	-
Gorilla Breath 46581	27.44	-	-	-
Lemon Cherry Gelato 46425	28.17	-	-	-
Lemon Cherry Gelato 46426	28.9	-	-	-
Lemon Cherry Gelato 46427	27.76	-	-	-
Lemon Cherry Gelato 46428	28.21	-	-	-
Lemon Cherry Gelato 46429	28.7	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Lemon Pastries 46430	27.31	-	-	-
Lemon Pastries 46431	29.41	-	-	-
Lemon Pastries 46432	29.71	-	-	-
Lemon Pastries 46433	30.01	-	-	-
Lemon Pastries 46434	29.59	-	-	-
Lemon Pastries 46435	29.51	-	-	-
Lemon Pastries 46436	29.42	-	-	-
Lemon Pastries 46437	29.25	-	-	-

Amplification Plots:

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





















