



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 3043

Target pathogen: Hop Latent Viroid

24 January 2025



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 01/22/2025
Date Received: 01/23/2025
Date Reported: 01/24/2025
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	-	26.32	-	+
.Positive 2	-	-	24.08	+
8 inch Bagel 46096	33.86	-	-	-
8 inch Bagel 46097	31.59	-	-	-
8 inch Bagel 46098	31.25	-	-	-
8 inch Bagel 46099	29.82	-	-	-
8 inch Bagel 46100	30.34	-	-	-
8 inch Bagel 46101	29.16	-	-	-
8 inch Bagel 46102	30.48	-	-	-
8 inch Bagel 46103	29.72	-	-	-
8 inch Bagel 46104	32.66	-	-	-
Acai Gelato 45727	30.35	-	-	-
Acai Gelato 45728	32.92	-	-	-
Acai Gelato 45729	30.01	-	-	-
Acai Gelato 45730	32.79	-	-	-
Acai Gelato 45731	29.58	-	-	-
Apple Tartz 45751	30.08	-	-	-
Apple Tartz 45752	30.21	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Apple Tartz 45753	29.57	-	-	-
Apple Tartz 45754	31.12	-	-	-
Apple Tartz 45755	30.12	-	-	-
Apple Tartz 45756	28.8	-	-	-
Apple Tartz 45757	29.46	-	-	-
Black Amber 46114	31.7	-	-	-
Black Amber 46115	28.8	-	-	-
Black Amber 46116	31.67	-	-	-
Black Amber 46117	29.22	-	-	-
Black Amber 46118	30.97	-	-	-
Black Amber 46119	31.52	-	-	-
Black Amber 46120	33.73	-	-	-
Black Amber 46121	33.07	-	-	-
Cadillac Rainbows 45766	28.67	-	-	-
Cadillac Rainbows 45767	31.47	-	-	-
Cadillac Rainbows 45768	31.33	-	-	-
Cadillac Rainbows 45769	30.58	-	-	-
Cadillac Rainbows 45770	30.33	-	-	-
Cadillac Rainbows 45771	32.13	-	-	-
Cap Junky 45772	32.92	-	-	-
Cap Junky 45773	33.1	-	-	-
Cap Junky 45774	32.17	-	-	-
Cap Junky 45775	31.4	-	-	-
Cap Junky 45776	31.34	-	-	-
Cherry Dosi 45777	29.6	-	-	-
Cherry Dosi 45778	30.63	-	-	-
Cherry Dosi 45779	33.46	-	-	-
Cherry Dosi 45780	33.16	-	-	-
Cherry Dosi 45781	30.92	-	-	-
Cherry Dosi 45782	32.03	-	-	-
Cherry Dosi 45783	33.02	-	-	-
Cherry Dosi 45784	30.1	-	-	-
Chicken & Waffles 45785	33.63	-	-	-
Chicken & Waffles 45786	33.16	-	-	-
Chicken & Waffles 45787	32.34	-	-	-
Chicken & Waffles 45788	31.22	-	-	-
Chicken & Waffles 45789	31.78	-	-	-
Dante's Cookie Jar 45790	31.04	-	-	-
Dante's Cookie Jar 45791	30.04	-	-	-
Dante's Cookie Jar 45792	31.64	-	-	-
Dante's Cookie Jar 45793	31.28	-	-	-
Dante's Cookie Jar 45794	31.23	-	-	-
Dante's Cookie Jar 45795	30.92	-	-	-
Dante's Cookie Jar 45796	32.81	-	-	-
Dante's Cookie Jar 45797	32.52	-	-	-
Dark Queen #8 46064	31.29	-	-	-
Dark Queen #8 46065	32.47	-	-	-
Dark Queen #8 46066	30.85	-	-	-
Dark Queen #8 46067	30.51	-	-	-
Dark Queen #8 46068	32.16	-	-	-
Dark Queen #8 46069	30.88	-	-	-
Dark Queen #8 46070	29.93	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Dark Queen #8 46071	24.79	-	-	-
Dark Queen #8 46072	30.24	-	-	-
Gorilla Breath 46045	28.51	-	-	-
Gorilla Breath 46046	30.39	-	-	-
Gorilla Breath 46047	30.82	-	-	-
Gorilla Breath 46048	30.11	-	-	-
Gorilla Breath 46049	31.15	-	-	-
Gush Mints 45732	28.26	-	-	-
Gush Mints 45733	30.13	-	-	-
Gush Mints 45734	30.84	-	-	-
Gush Mints 45735	30.15	-	-	-

Amplification Plots:

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





















