



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1822

Target pathogen: Hop Latent Viroid

28 June 2024



**Order details:**

**Client:** Kaprikorn  
**Target Pathogen:** Hop Latent Viroid  
**Date Sampled:** 06/26/2024  
**Date Received:** 06/27/2024  
**Date Reported:** 06/28/2024  
**Total samples:** 87

**NUMBER SAMPLES INFECTED:** 0

**Results interpretation:**

**C<sub>T</sub> (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<sub>T</sub>  
EXCELLENT: 27 - 30 C<sub>T</sub>  
GREAT: 30 - 32 C<sub>T</sub>  
OKAY: 32 - 35 C<sub>T</sub>  
FAIL: >35 C<sub>T</sub>

**HLVd** - Detection C<sub>T</sub> and relative amount of HLVd in the sample:

HIGH: <15 - 20 C<sub>T</sub>  
MEDIUM: 21 - 28 C<sub>T</sub>  
LOW: 29 - <35 C<sub>T</sub>  
INCONCLUSIVE: >35 C<sub>T</sub>

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
.Positive 1	-	23.95	-	+
.Positive 2	-	-	25.1	+
Acai Gelato 42827	29.09	-	-	-
Acai Gelato 42828	32.24	-	-	-
Acai Gelato 42829	29.62	-	-	-
Acai Gelato 42830	30.63	-	-	-
Acai Gelato 42831	29.87	-	-	-
Black Amber 42839	29.5	-	-	-
Black Amber 42840	28.79	-	-	-
Black Amber 42841	29.21	-	-	-
Black Amber 42842	28.97	-	-	-
Black Amber 42843	29.32	-	-	-
Black Amber 42844	29.48	-	-	-
Black Amber 42845	29.12	-	-	-
Black Amber 42846	29.14	-	-	-
Cap Junky 42847	30	-	-	-
Cap Junky 42848	30	-	-	-
Cap Junky 42849	28.21	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Cap Junky 42850	30.36	-	-	-
Cap Junky 42851	29.32	-	-	-
Cherry Dosidos 42852	28.64	-	-	-
Cherry Dosidos 42853	29.17	-	-	-
Cherry Dosidos 42854	29.65	-	-	-
Cherry Dosidos 42855	29.14	-	-	-
Cherry Dosidos 42856	29.26	-	-	-
Cherry Dosidos 42857	29.95	-	-	-
Cherry Dosidos 42858	29.67	-	-	-
Cherry Dosidos 42859	29.08	-	-	-
Chicken & Waffles (CW-6S) 43871	29.49	-	-	-
Chicken & Waffles (CW-6S) 43872	28.64	-	-	-
Double Stuffed 42456	31.6	-	-	-
Double Stuffed 42457	28.61	-	-	-
Double Stuffed 42458	28.12	-	-	-
Double Stuffed 42459	28.25	-	-	-
Double Stuffed 42460	28.73	-	-	-
Double Stuffed 42461	28.55	-	-	-
Gas Face #1 42860	29.23	-	-	-
Gas Face #1 42861	29.62	-	-	-
Gas Face #1 42862	28.78	-	-	-
Gas Face #1 42863	27.87	-	-	-
Gas Face #1 42864	29.56	-	-	-
Granny Candy (NF-90) 43918	26.65	-	-	-
Granny Candy (NF-90) 43919	27.3	-	-	-
Gush Mints 42865	27.84	-	-	-
Gush Mints 42866	29.33	-	-	-
Gush Mints 42867	28.88	-	-	-
Gush Mints 42868	28.17	-	-	-
Ice Cream Cake 42869	28.81	-	-	-
Ice Cream Cake 42870	28.73	-	-	-
Ice Cream Cake 42871	28.43	-	-	-
Ice Cream Cake 42872	29.63	-	-	-
Lemon Cherry Gelato 42873	29.19	-	-	-
Lemon Cherry Gelato 42874	29.61	-	-	-
Lemon Cherry Gelato 42875	31.03	-	-	-
Lemon Cherry Gelato 42876	27	-	-	-
Lemon Cherry Gelato 42877	28.39	-	-	-
Lemon Cherry Gelato 42878	28.05	-	-	-
Lemon Cherry Gelato 42879	28.94	-	-	-
Lemon Cherry Gelato 42880	29.97	-	-	-
Lemon Cherry Gelato 42881	30.87	-	-	-
Lemon Cherry Gelato 42882	28.61	-	-	-
Tropicanna Cherries 42890	28.17	-	-	-
Tropicanna Cherries 42891	26.69	-	-	-
Tropicanna Cherries 42892	27.3	-	-	-
Tropicanna Cherries 42893	28	-	-	-
Tropicanna Cherries 42894	29.19	-	-	-
White Choc Chip #8 42410	29.33	-	-	-
White Choc Chip #8 42411	28.33	-	-	-
White Choc Chip #8 42412	28.25	-	-	-
White Choc Chip #8 42413	28.53	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
White Choc Chip #8 42414	29.42	-	-	-
White Choc Chip #8 42415	28.75	-	-	-
White Choc Chip #8 42416	28.46	-	-	-
White Truffle 42895	27.97	-	-	-
White Truffle 42896	27.25	-	-	-
White Truffle 42897	27.38	-	-	-
White Truffle 42898	28.06	-	-	-
White Truffle 42899	31.59	-	-	-
Wonder Dawg 42900	29.19	-	-	-
Wonder Dawg 42901	28.28	-	-	-
Wonder Dawg 42902	29.96	-	-	-
Zazhimi 42903	28.16	-	-	-
Zazhimi 42904	28.08	-	-	-
Zazhimi 42905	28.32	-	-	-
Zazhimi 42906	28.07	-	-	-
Zazhimi 42907	28.81	-	-	-
Zazhimi 42908	29.82	-	-	-
Zazhimi 42909	28.96	-	-	-
Zazhimi 42910	28.68	-	-	-

**Amplification Plots:**

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

























