



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	-	24.48	-	+
.Positive 2	-	-	31.17	+
8 Inch Bagel 45473	28.65	-	-	-
8 Inch Bagel 45474	28.14	-	-	-
8 Inch Bagel 45475	30.45	-	-	-
8 Inch Bagel 45476	29.17	-	-	-
8 Inch Bagel 45477	30.21	-	-	-
8 Inch Bagel 45478	29.15	-	-	-
8 Inch Bagel 45479	29.91	-	-	-
Black Amber 45175	28.35	-	-	-
Black Amber 45176	28.43	-	-	-
Black Amber 45177	28.87	-	-	-
Black Amber 45178	27.93	-	-	-
Black Amber 45179	28.6	-	-	-
Black Amber 45180	28.11	-	-	-
Black Amber 45181	29.19	-	-	-
Black Amber 45182	29.57	-	-	-
Cali Burger 45468	29.91	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Cali Burger 45469	29.88	-	-	-
Cali Burger 45470	27.86	-	-	-
Cali Burger 45471	27.85	-	-	-
Cali Burger 45472	27.67	-	-	-
Cap Junky 45463	27.88	-	-	-
Cap Junky 45464	27.83	-	-	-
Cap Junky 45465	29.5	-	-	-
Cap Junky 45466	28.42	-	-	-
Cap Junky 45467	28.75	-	-	-
Coconut Milk 45458	28.68	-	-	-
Coconut Milk 45459	28.68	-	-	-
Coconut Milk 45460	29.51	-	-	-
Coconut Milk 45461	27.54	-	-	-
Coconut Milk 45462	27.11	-	-	-
Dante's Cookie Jar 45335	28.78	-	-	-
Dante's Cookie Jar 45336	27.95	-	-	-
Dante's Cookie Jar 45337	27.55	-	-	-
Dante's Cookie Jar 45338	28.75	-	-	-
Dante's Cookie Jar 45339	28.29	-	-	-
Dante's Cookie Jar 45340	28.96	-	-	-
Dante's Cookie Jar 45341	28.06	-	-	-
Gush Mints 45414	27.83	-	-	-
Gush Mints 45415	30.03	-	-	-
Gush Mints 45416	28.73	-	-	-
Gush Mints 45417	27.57	-	-	-
Ice Cream Cake 45403	27.53	-	-	-
Ice Cream Cake 45404	28.5	-	-	-
Ice Cream Cake 45405	27.88	-	-	-
Ice Cream Cake 45406	28.28	-	-	-
Ice Cream Cake 45407	28.15	-	-	-
Ice Cream Cake 45408	27.8	-	-	-
Ice Cream Cake 45409	28.37	-	-	-
Lemon Cherry Gelato 45390	28.46	-	-	-
Lemon Cherry Gelato 45391	28.55	-	-	-
Lemon Cherry Gelato 45392	28.02	-	-	-
Lemon Cherry Gelato 45393	28.38	-	-	-
Lemon Cherry Gelato 45394	28.01	-	-	-
Lemon Pastries 45395	26.85	-	-	-
Lemon Pastries 45396	27.95	-	-	-
Lemon Pastries 45397	28.08	-	-	-
Lemon Pastries 45398	28.13	-	-	-
Lemon Pastries 45399	29.14	-	-	-
Lemon Pastries 45400	29.78	-	-	-
Lemon Pastries 45401	29.67	-	-	-
Lemon Pastries 45402	31.04	-	-	-
Modified Grapes 45410	30.08	-	-	-
Modified Grapes 45411	29.9	-	-	-
Modified Grapes 45412	28.1	-	-	-
Modified Grapes 45413	27.99	-	-	-
Smashburger #27 45354	27.49	-	-	-
Smashburger #27 45355	27.97	-	-	-
Smashburger #27 45356	27.35	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Smashburger #27 45357	27.13	-	-	-
Smashburger #27 45358	27.53	-	-	-
Smashburger #27 45359	27.14	-	-	-
Smashburger #27 45360	28.03	-	-	-
Tropicanna Cherries 45418	26.96	-	-	-
Tropicanna Cherries 45419	28.54	-	-	-
Tropicanna Cherries 45420	28.09	-	-	-
Tropicanna Cherries 45421	28.79	-	-	-
Tropicanna Cherries 45457	29.08	-	-	-

Amplification Plots:

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





















