



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 3086

Target pathogen: Hop Latent Viroid

10 March 2025



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 03/05/2025
Date Received: 03/07/2025
Date Reported: 03/10/2025
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	-	29.28	-	+
.Positive 2	-	-	24.55	+
Acai Gelato 46273	28.14	-	-	-
Acai Gelato 46274	29.26	-	-	-
Acai Gelato 46275	26.24	-	-	-
Acai Gelato 46276	26.59	-	-	-
Acai Gelato 46277	27.55	-	-	-
Cherry Dosi 46266	25.13	-	-	-
Cherry Dosi 46267	28.48	-	-	-
Cherry Dosi 46268	26.36	-	-	-
Cherry Dosi 46269	25.25	-	-	-
Cherry Dosi 46270	25.41	-	-	-
Cherry Dosi 46271	29.46	-	-	-
Cherry Dosi 46272	25.74	-	-	-
Dantes Cookie Jar 46073	30.14	-	-	-
Dantes Cookie Jar 46074	29.46	-	-	-
Dantes Cookie Jar 46075	29.66	-	-	-
Dantes Cookie Jar 46076	28.43	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Dantes Cookie Jar 46077	28.72	-	-	-
Dantes Cookie Jar 46078	28.21	-	-	-
Dantes Cookie Jar 46079	26.86	-	-	-
Dantes Cookie Jar 46080	26.08	-	-	-
Dark Queen #8 46259	31.5	-	-	-
Dark Queen #8 46260	28.67	-	-	-
Dark Queen #8 46261	32.2	-	-	-
Dark Queen #8 46262	29.53	-	-	-
Dark Queen #8 46263	28.97	-	-	-
Dark Queen #8 46264	29.97	-	-	-
Dark Queen #8 46265	29.22	-	-	-
Devils Den 46252	28.31	-	-	-
Devils Den 46253	29.29	-	-	-
Devils Den 46254	27.87	-	-	-
Devils Den 46255	30.69	-	-	-
Devils Den 46256	28.67	-	-	-
Devils Den 46257	28.01	-	-	-
Devils Den 46258	29.76	-	-	-
Garlic Juice 46245	29.32	-	-	-
Garlic Juice 46246	30.32	-	-	-
Garlic Juice 46247	29.77	-	-	-
Garlic Juice 46248	30.17	-	-	-
Garlic Juice 46249	29.48	-	-	-
Garlic Juice 46250	29.85	-	-	-
Garlic Juice 46251	28.02	-	-	-
Ice Cream Cake 46238	28.79	-	-	-
Ice Cream Cake 46239	29.89	-	-	-
Ice Cream Cake 46240	29.29	-	-	-
Ice Cream Cake 46241	29.08	-	-	-
Ice Cream Cake 46242	29.57	-	-	-
Ice Cream Cake 46243	30.47	-	-	-
Ice Cream Cake 46244	30.15	-	-	-
Kozeto #15 46233	30.22	-	-	-
Kozeto #15 46234	29.39	-	-	-
Kozeto #15 46235	30.28	-	-	-
Kozeto #15 46236	31.96	-	-	-
Kozeto #15 46237	29.83	-	-	-
Lemon Cherry Gelato 46010	29.59	-	-	-
Lemon Cherry Gelato 46011	29.52	-	-	-
Lemon Cherry Gelato 46012	29.99	-	-	-
Lemon Cherry Gelato 46013	28.19	-	-	-
Lemon Cherry Gelato 46014	29.26	-	-	-
Lemon Cherry Gelato 46015	29.86	-	-	-
Lemon Cherry Gelato 46226	27.9	-	-	-
Lemon Cherry Gelato 46227	28.29	-	-	-
Lemon Cherry Gelato 46228	29.39	-	-	-
Lemon Cherry Gelato 46229	28.92	-	-	-
Lemon Cherry Gelato 46230	27.97	-	-	-
Lemon Cherry Gelato 46231	30.56	-	-	-
Lemon Cherry Gelato 46232	26.17	-	-	-
Maui True Blood 46220	29.15	-	-	-
Maui True Blood 46221	27.51	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Maui True Blood 46222	29.17	-	-	-
Maui True Blood 46223	28.25	-	-	-
Maui True Blood 46224	28.57	-	-	-
Maui True Blood 46225	28.72	-	-	-
Mule Fuel 46215	29.99	-	-	-
Mule Fuel 46216	29.84	-	-	-
Mule Fuel 46217	29.57	-	-	-
Mule Fuel 46218	29.44	-	-	-
Mule Fuel 46219	29.28	-	-	-

Amplification Plots:

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





















