



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1646

Target pathogen: Hop Latent Viroid

05 April 2024



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 04/03/2024
Date Received: 04/04/2024
Date Reported: 04/05/2024
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	-	27.61	-	+
.Positive 2	-	-	29.05	+
Amaretto Sour 41906	29.91	-	-	-
Amaretto Sour 41907	32.65	-	-	-
Amaretto Sour 41908	30.21	-	-	-
Amaretto Sour 41909	29.54	-	-	-
Amaretto Sour 41910	28.23	-	-	-
Blue Dream 42305	29.26	-	-	-
Blue Dream 42306	29.67	-	-	-
Blue Dream 42307	27.98	-	-	-
Carbon Fiber 42143	28.88	-	-	-
Carbon Fiber 42144	28.46	-	-	-
Carbon Fiber 42145	27.95	-	-	-
Carbon Fiber 42146	29.12	-	-	-
Carbon Fiber 42147	27.94	-	-	-
Carbon Fiber 42148	29.22	-	-	-
Carbon Fiber 42149	30.58	-	-	-
Carbon Fiber 42150	30.65	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
College Park 42179	29.05	-	-	-
College Park 42180	28.6	-	-	-
College Park 42181	29.45	-	-	-
College Park 42182	27.93	-	-	-
College Park 42183	29.01	-	-	-
Cream Filling 42046	27.77	-	-	-
Cream Filling 42047	28.26	-	-	-
Cream Filling 42048	28.51	-	-	-
Cream Filling 42049	28.09	-	-	-
Cream Filling 42050	27.87	-	-	-
Cream Filling 42051	27.52	-	-	-
Cream Filling 42052	26.61	-	-	-
Cream Filling 42053	26.71	-	-	-
Georgia Pie 42198	27.91	-	-	-
Georgia Pie 42199	27.87	-	-	-
Georgia Pie 42200	28.8	-	-	-
Georgia Pie 42201	29.98	-	-	-
Glitter Bomb 42202	28.49	-	-	-
Glitter Bomb 42203	28.01	-	-	-
Glitter Bomb 42204	27.9	-	-	-
Glitter Bomb 42205	28.87	-	-	-
Glitter Bomb 42206	28.07	-	-	-
Goofiez 42212	28.61	-	-	-
Goofiez 42213	27.38	-	-	-
Goofiez 42214	28.54	-	-	-
Goofiez 42215	27.75	-	-	-
Goofiez 42216	27.47	-	-	-
Goofiez 42217	28.33	-	-	-
Goofiez 42218	28.24	-	-	-
Goofiez 42219	30.18	-	-	-
Grapes & Cream 42220	27.7	-	-	-
Grapes & Cream 42221	27.84	-	-	-
Grapes & Cream 42222	28.04	-	-	-
Grapes & Cream 42223	29.6	-	-	-
Ice Cream Cake 42229	28.92	-	-	-
Ice Cream Cake 42230	27.98	-	-	-
Ice Cream Cake 42231	27.14	-	-	-
Ice Cream Cake 42232	26.71	-	-	-
Ice Cream Cake 42233	28.73	-	-	-
Ice Cream Cake 42234	27.53	-	-	-
Ice Cream Cake 42235	27.99	-	-	-
Ice Cream Cake 42236	28.17	-	-	-
Island Cookies 42237	29.77	-	-	-
Island Cookies 42238	29.17	-	-	-
Island Cookies 42239	29.95	-	-	-
Island Cookies 42240	28.32	-	-	-
Island Cookies 42241	29.52	-	-	-
Jungle Juice 42242	26.14	-	-	-
Jungle Juice 42243	27.37	-	-	-
Jungle Juice 42244	28.67	-	-	-
Jungle Juice 42245	27.44	-	-	-
Jungle Juice 42246	26.73	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Lemon Cherry Gelato 42247	28.85	-	-	-
Lemon Cherry Gelato 42248	26.64	-	-	-
Lemon Cherry Gelato 42249	28.29	-	-	-
Lemon Cherry Gelato 42250	27.9	-	-	-
Lemon Cherry Gelato 42251	28.46	-	-	-
Lemon Cherry Gelato 42252	28.33	-	-	-
Maui True Blood 42253	27.26	-	-	-
Maui True Blood 42254	28.64	-	-	-
Maui True Blood 42255	28.7	-	-	-
Maui True Blood 42256	27.21	-	-	-
Maui True Blood 42257	28.18	-	-	-

Amplification Plots:

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





















