



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1422

Target pathogen: Hop Latent Viroid

11 November 2023



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 11/08/2023
Date Received: 11/10/2023
Date Reported: 11/11/2023
Total samples: 71

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	-	26.27	-	+
.Positive 2	-	-	27.17	+
8 Inch Bagel 41692	29.92	-	-	-
Acai Gelato 41501	26.37	-	-	-
Acai Gelato 41502	24.32	-	-	-
Acai Gelato 41503	26.75	-	-	-
Acai Gelato 41504	25.88	-	-	-
Acai Gelato 41505	25.7	-	-	-
Amaretto Sour 40190	30.04	-	-	-
Amaretto Sour 40191	29.81	-	-	-
Animal Face 41506	28.38	-	-	-
Animal Face 41507	25.89	-	-	-
Animal Face 41508	27.19	-	-	-
Animal Face 41509	22.19	-	-	-
Animal Face 41510	22.08	-	-	-
Banana Cooler 41444	26.86	-	-	-
Banana Cooler 41445	26.61	-	-	-
Banana Cooler 41446	26.76	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Banana Cooler 41447	26.81	-	-	-
Banana Cooler 41448	26.45	-	-	-
Cali Burger 41670	32.92	-	-	-
Cali Burger 41671	26.76	-	-	-
Cali Burger 41672	29.23	-	-	-
Divine Banana 40239	26.87	-	-	-
Divine Banana 40240	27.57	-	-	-
Divine Banana 40241	28.1	-	-	-
Divine Banana 40242	26.66	-	-	-
Divine Banana 40243	26.5	-	-	-
Frozen Rose 41517	29.15	-	-	-
Frozen Rose 41518	30.26	-	-	-
Gary Eyes 41449	24.3	-	-	-
Gary Eyes 41450	28.96	-	-	-
Gary Eyes 41451	26.96	-	-	-
Gary Eyes 41452	25.04	-	-	-
Gary Eyes 41453	23.84	-	-	-
Gas Face #1 40254	28.26	-	-	-
Gas Face #1 40255	29.71	-	-	-
Gas Face #1 40256	29.35	-	-	-
Georgia Pie 40449	28.09	-	-	-
Georgia Pie 40450	28.43	-	-	-
Georgia Pie 40451	24.22	-	-	-
Georgia Pie 40452	24.25	-	-	-
Georgia Pie 40453	24.47	-	-	-
GG4 41683	29.72	-	-	-
Glitter Bomb 41690	28.84	-	-	-
Glitter Bomb 41691	29.63	-	-	-
Grape Gasoline 41454	23.2	-	-	-
Grape Gasoline 41455	23.86	-	-	-
Grape Gasoline 41456	24.33	-	-	-
Hawaiian Snow 41688	30.39	-	-	-
Hawaiian Snow 41689	28.63	-	-	-
Ice Cream Cake 40440	23.75	-	-	-
Ice Cream Cake 40441	25.2	-	-	-
Ice Cream Cake 40442	26.72	-	-	-
Ice Cream Cake 40443	27.98	-	-	-
Ice Cream Cake 40444	25.76	-	-	-
Noize Complaint 41519	29.53	-	-	-
Pavé 41679	31.14	-	-	-
Pavé 41686	24.78	-	-	-
Pavé 41687	24.52	-	-	-
Permanent Marker 41682	25.1	-	-	-
Permanent Marker 40217	26.21	-	-	-
Pink Trufflez 40218	24.67	-	-	-
Pink Trufflez 40219	23.36	-	-	-
Redneck Bubba 41515	28.72	-	-	-
Redneck Bubba 41516	23.11	-	-	-
Studio 54 41681	24.04	-	-	-
Studio 54 41521	23.65	-	-	-
Studio 54 41522	26.57	-	-	-
Watermelon Gelato 41684	24.72	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Watermelon Gelato 41685	29.51	-	-	-
Zoap 41680	25.84	-	-	-
Zoap 41678	28.7	-	-	-

Amplification Plots:

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



















