



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1465

Target pathogen: Hop Latent Viroid

22 December 2023



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 12/20/2023
Date Received: 12/21/2023
Date Reported: 12/22/2023
Total samples: 117

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	-	26.6	-	+
.Positive 2	-	-	25.62	+
Acai Gelato 41501	28.93	-	-	-
Acai Gelato 41502	29.66	-	-	-
Acai Gelato 41503	29.89	-	-	-
Acai Gelato 41504	28.93	-	-	-
Acai Gelato 41505	28.39	-	-	-
Apple Slapz 41673	27.15	-	-	-
Apple Slapz 41674	29.34	-	-	-
Apple Slapz 41675	28.29	-	-	-
Apple Slapz 41676	27.14	-	-	-
Apple Slapz 41677	27.55	-	-	-
Cali Burger 41670	28.21	-	-	-
Cali Burger 41671	27.09	-	-	-
Cali Burger 41672	29.22	-	-	-
Carbon Fiber 40460	27.46	-	-	-
Carbon Fiber 40461	26.99	-	-	-
Carbon Fiber 40462	26.83	-	-	-



Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Carbon Fiber 40463	29.13	-	-	-
Carbon Fiber 40464	28.12	-	-	-
Carbon Fiber 40465	27.87	-	-	-
College Park 41660	27.36	-	-	-
College Park 41661	29.15	-	-	-
College Park 41662	29.15	-	-	-
College Park 41663	28.85	-	-	-
College Park 41664	28.45	-	-	-
Cream Filling 41656	29.23	-	-	-
Cream Filling 41657	27.78	-	-	-
Cream Filling 41658	27.52	-	-	-
Cream Filling 41659	28.2	-	-	-
Frosted Flakez 41652	28.84	-	-	-
Frosted Flakez 41653	29	-	-	-
Frosted Flakez 41654	28.54	-	-	-
Frosted Flakez 41655	29.34	-	-	-
Georgia Pie 40449	25.59	-	-	-
Georgia Pie 40450	25.57	-	-	-
Georgia Pie 40451	25.25	-	-	-
Georgia Pie 40452	25.38	-	-	-
Georgia Pie 40453	25.21	-	-	-
GMO Cookies 41647	25.69	-	-	-
GMO Cookies 41648	25.26	-	-	-
GMO Cookies 41649	25.73	-	-	-
GMO Cookies 41650	27.34	-	-	-
GMO Cookies 41651	25.11	-	-	-
Goofiez 41643	25.44	-	-	-
Goofiez 41644	26.03	-	-	-
Goofiez 41645	29.15	-	-	-
Goofiez 41646	28.3	-	-	-
Grapes & Cream 41639	28.46	-	-	-
Grapes & Cream 41640	27.94	-	-	-
Grapes & Cream 41641	28.82	-	-	-
Grapes & Cream 41642	28.71	-	-	-
Honey Bun 41634	27.29	-	-	-
Honey Bun 41635	29.66	-	-	-
Honey Bun 41636	26.34	-	-	-
Honey Bun 41637	25.1	-	-	-
Honey Bun 41638	26.16	-	-	-
Island Cookies 41629	25.5	-	-	-
Island Cookies 41630	26.15	-	-	-
Island Cookies 41631	28.27	-	-	-
Island Cookies 41632	27.46	-	-	-
Island Cookies 41633	25.1	-	-	-
Jungle Juice 41624	29.61	-	-	-
Jungle Juice 41625	25.9	-	-	-
Jungle Juice 41626	26.37	-	-	-
Jungle Juice 41627	27.4	-	-	-
Jungle Juice 41628	25.17	-	-	-
Maui True Blood 41619	25.8	-	-	-
Maui True Blood 41620	26.75	-	-	-
Maui True Blood 41621	27.1	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Maui True Blood 41622	25.39	-	-	-
Maui True Blood 41623	27.19	-	-	-
Pink RNTZ 41394	24.9	-	-	-
Pink RNTZ 41395	25.48	-	-	-
Pink RNTZ 41396	27.12	-	-	-
Pink RNTZ 41397	26.83	-	-	-
Pink RNTZ 41398	25.13	-	-	-
Punch Breath 41613	27.38	-	-	-
Punch Breath 41614	27.16	-	-	-
Punch Breath 41615	26.54	-	-	-
Punch Breath 41616	27.57	-	-	-
Punch Breath 41617	23.35	-	-	-
Punch Breath 41618	24.61	-	-	-
Purple Churro 41480	24.25	-	-	-
Purple Churro 41481	24.94	-	-	-
Purple Churro 41482	27.01	-	-	-
Rainbow Sherb 11 41572	24.75	-	-	-
Rainbow Sherb 11 41573	26.39	-	-	-
Rainbow Sherb 11 41574	24.55	-	-	-
Rainbow Sherb 11 41575	24.44	-	-	-
Rainbow Sherb 11 41576	24.47	-	-	-
Rainbow Sherb 11 41577	26.61	-	-	-
Spritzer 41578	23.32	-	-	-
Spritzer 41579	25.52	-	-	-
Spritzer 41580	26.22	-	-	-
Super Charger 41581	26.65	-	-	-
Super Charger 41582	24.39	-	-	-
Super Charger 41583	26.13	-	-	-
Super Charger 41584	25.99	-	-	-
Super Charger 41585	25.93	-	-	-
Watermelon Jealousy 41861	24.52	-	-	-
Watermelon Jealousy 41862	25.38	-	-	-
Watermelon Jealousy 41863	24.62	-	-	-
Watermelon Jealousy 41864	26.78	-	-	-
Watermelon Jealousy 41865	23.88	-	-	-
Watermelon Jealousy 41866	25.92	-	-	-
Watermelon Jealousy 41867	26.5	-	-	-
Watermelon Jealousy 41868	26.97	-	-	-
White Truffle 41603	24.79	-	-	-
White Truffle 41604	26.83	-	-	-
White Truffle 41605	26.21	-	-	-
White Truffle 41606	26.34	-	-	-
White Truffle 41607	24.87	-	-	-
White Truffle 41608	25.83	-	-	-
Zlurpee 41496	25.13	-	-	-
Zlurpee 41497	26.16	-	-	-
Zlurpee 41498	26.18	-	-	-
Zlurpee 41499	24.99	-	-	-
Zlurpee 41500	25.97	-	-	-

Amplification Plots:

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































