



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 3014

Target pathogen: Hop Latent Viroid

06 January 2025

Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 01/01/2025
Date Received: 01/03/2025
Date Reported: 01/06/2025
Total samples: 82

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	-	28.27	-	+
.Positive 2	-	-	28.53	+
Acai Gelato 45605	31.09	-	-	-
Acai Gelato 45606	30.05	-	-	-
Black Sundae 45262	29.65	-	-	-
Cherry Dosi 45503	28.87	-	-	-
Cherry Dosi 45504	31.12	-	-	-
Cherry Dosi 45505	30.41	-	-	-
Cherry Dosi 45506	28.91	-	-	-
Cherry Dosi 45507	31.9	-	-	-
Cookie Monster 45443	31.57	-	-	-
Dark Queen 45498	30.1	-	-	-
Dark Queen 45499	31.47	-	-	-
Dark Queen 45500	30.19	-	-	-
Dark Queen 45501	28.87	-	-	-
Dark Queen 45502	28.29	-	-	-
Dawg Cake 45422	28.98	-	-	-
Dawg Cake 45423	29.09	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Devil's Den #1 45584	27.94	-	-	-
Devil's Den #1 45585	27.27	-	-	-
Devil's Den #1 45586	26.39	-	-	-
Devil's Den #1 45587	28.16	-	-	-
Devil's Den #1 45588	27.37	-	-	-
Devil's Den #1 45589	27.06	-	-	-
Devil's Den #1 45590	27.2	-	-	-
Grape Colada 45481	28.99	-	-	-
GRNTZ 45487	28.5	-	-	-
GRNTZ 45488	28.24	-	-	-
GSC 45489	28.33	-	-	-
GSC 45490	28.37	-	-	-
Honey Banana 45441	29.7	-	-	-
Ice Cream Cake 45508	28.58	-	-	-
Ice Cream Cake 45509	28.64	-	-	-
Ice Cream Cake 45510	30.78	-	-	-
Ice Cream Cake 45511	30.15	-	-	-
Ice Cream Cake 45512	28.83	-	-	-
Purple Churro 45649	26.9	-	-	-
Purple Churro 45650	25.89	-	-	-
Purple Churro 45651	25.28	-	-	-
Purple Churro 45652	24.84	-	-	-
Purple Churro 45653	26.63	-	-	-
Purple Churro 45654	26.38	-	-	-
Purple Churro 45655	26.47	-	-	-
Sub Zero 45644	25.97	-	-	-
Sub Zero 45645	26.36	-	-	-
Sub Zero 45646	26.15	-	-	-
Sub Zero 45647	25.55	-	-	-
Sub Zero 45648	28.92	-	-	-
Supreme Lee Hi 45636	28.66	-	-	-
Supreme Lee Hi 45637	26.34	-	-	-
Supreme Lee Hi 45638	25.62	-	-	-
Supreme Lee Hi 45639	26.66	-	-	-
Supreme Lee Hi 45640	28.68	-	-	-
Supreme Lee Hi 45641	30.08	-	-	-
Supreme Lee Hi 45642	26.07	-	-	-
Supreme Lee Hi 45643	27.32	-	-	-
Trap Fuel 45628	29.09	-	-	-
Trap Fuel 45629	30.12	-	-	-
Trap Fuel 45630	32.21	-	-	-
Trap Fuel 45631	32.29	-	-	-
Trap Fuel 45632	27.86	-	-	-
Trap Fuel 45633	26.47	-	-	-
Trap Fuel 45634	26.4	-	-	-
Trap Fuel 45635	27.19	-	-	-
Velvet Cherry 45619	24.85	-	-	-
Velvet Cherry 45620	25.48	-	-	-
Velvet Cherry 45621	26.37	-	-	-
Velvet Cherry 45622	27.15	-	-	-
Velvet Cherry 45623	24.4	-	-	-
Velvet Cherry 45624	24.41	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Velvet Cherry 45625	25.73	-	-	-
Velvet Cherry 45626	25.73	-	-	-
Velvet Cherry 45627	28.3	-	-	-
White Choc Chip #8 45608	29.78	-	-	-
White Choc Chip #8 45609	28.3	-	-	-
White Choc Chip #8 45610	28.52	-	-	-
White Choc Chip #8 45611	26.26	-	-	-
White Choc Chip #8 45612	26.96	-	-	-
White Choc Chip #8 45613	27.85	-	-	-
Zlurpee 45614	28.73	-	-	-
Zlurpee 45615	30.01	-	-	-
Zlurpee 45616	29.81	-	-	-
Zlurpee 45617	30.08	-	-	-
Zlurpee 45618	31.43	-	-	-

Amplification Plots:

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





















