



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1702

Target pathogen: Hop Latent Viroid

26 April 2024



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 04/24/2024
Date Received: 04/25/2024
Date Reported: 04/26/2024
Total samples: 65

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	-	24.88	-	+
.Positive 2	-	-	21.78	+
London Pound Cake #97 42371	29.76	-	-	-
London Pound Cake #97 42372	31.01	-	-	-
London Pound Cake #97 42373	29.49	-	-	-
London Pound Cake #97 42374	28.58	-	-	-
London Pound Cake #97 42375	31.73	-	-	-
Modified Grapes 42376	30.39	-	-	-
Modified Grapes 42377	27.75	-	-	-
Modified Grapes 42378	31.86	-	-	-
Modified Grapes 42379	32.2	-	-	-
Modified Grapes 42380	28.73	-	-	-
Modified Grapes 42381	28.77	-	-	-
Modified Grapes 42382	30.31	-	-	-
Modified Grapes 42383	28.31	-	-	-
NF 90 42002	29.89	-	-	-
NF 90 42037	28.2	-	-	-
Ooh La La 42384	28.52	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Ooh La La 42385	28.92	-	-	-
Ooh La La 42386	28.67	-	-	-
Ooh La La 42387	28.96	-	-	-
Ooh La La 42388	29.35	-	-	-
Pavé 42389	28.86	-	-	-
Pavé 42390	27.95	-	-	-
Pavé 42391	28.33	-	-	-
Pavé 42392	28.1	-	-	-
Pavé 42393	26.64	-	-	-
Pavé 42394	27.71	-	-	-
Permanent Marker 41968	27.47	-	-	-
Permanent Marker 41969	29.93	-	-	-
Permanent Marker 41970	30.12	-	-	-
Permanent Marker 41971	28.85	-	-	-
Permanent Marker 41972	28.02	-	-	-
The Soap 42396	27.67	-	-	-
The Soap 42397	27.45	-	-	-
The Soap 42398	28.16	-	-	-
The Soap 42399	28.26	-	-	-
The Soap 42400	27.39	-	-	-
The Soap 42401	27.01	-	-	-
Tropicanna Cherries 42402	28.37	-	-	-
Tropicanna Cherries 42403	27.41	-	-	-
Tropicanna Cherries 42404	29.09	-	-	-
Tropicanna Cherries 42405	27.64	-	-	-
Tropicanna Cherries 42406	27.95	-	-	-
Tropicanna Cherries 42407	28.32	-	-	-
Tropicanna Cherries 42408	28.32	-	-	-
Tropicanna Cherries 42409	29.54	-	-	-
White Choc Chip #8 42410	29.38	-	-	-
White Choc Chip #8 42411	27.97	-	-	-
White Choc Chip #8 42412	29.8	-	-	-
White Choc Chip #8 42413	28.56	-	-	-
White Choc Chip #8 42414	27.29	-	-	-
White Choc Chip #8 42415	28.96	-	-	-
White Choc Chip #8 42416	28.49	-	-	-
Zoap 42417	27.96	-	-	-
Zoap 42418	28	-	-	-
Zoap 42419	27.37	-	-	-
Zoap 42420	27.9	-	-	-
Zoap 42421	28.25	-	-	-
Zoap 42422	27.64	-	-	-
Zonkerz 42424	28.13	-	-	-
Zonkerz 42425	28.42	-	-	-
Zonkerz 42426	32.13	-	-	-
Zonkerz 42427	29.96	-	-	-
Zonkerz 42428	29.73	-	-	-
Zonkerz 42429	29.41	-	-	-
Zonkerz 42430	29.8	-	-	-

Amplification Plots:

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

















