



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 4040

Target pathogen: Hop Latent Viroid

28 March 2025



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 03/26/2025
Date Received: 03/27/2025
Date Reported: 03/28/2025
Total samples: 67

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	-	25.92	-	+
.Positive 2	-	-	28.28	+
Purple Chrome #8 46364	31.38	-	-	-
Purple Chrome #8 46365	30.01	-	-	-
Purple Chrome #8 46366	30.37	-	-	-
Purple Chrome #8 46367	31.17	-	-	-
Purple Chrome #8 46368	31.84	-	-	-
Purple Chrome #8 46369	30.96	-	-	-
Purple Chrome #8 46370	30.76	-	-	-
Purple Churro 46371	30.35	-	-	-
Purple Churro 46372	32.07	-	-	-
Purple Churro 46373	29.99	-	-	-
Purple Churro 46374	30.81	-	-	-
Purple Churro 46375	32.12	-	-	-
Purple Churro 46376	32.15	-	-	-
Purple Churro 46377	31.25	-	-	-
Royal Jester 46418	31.85	-	-	-
Royal Jester 46419	29.89	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Royal Jester 46420	30.99	-	-	-
Royal Jester 46421	29.47	-	-	-
Royal Jester 46422	30.13	-	-	-
Royal Jester 46423	32.59	-	-	-
Royal Jester 46424	29.64	-	-	-
Smashburger #27 46378	31.87	-	-	-
Smashburger #27 46379	32.09	-	-	-
Smashburger #27 46380	31.35	-	-	-
Smashburger #27 46381	30.18	-	-	-
Smashburger #27 46382	29.04	-	-	-
Smashburger #27 46383	30.26	-	-	-
Smashburger #27 46384	30.43	-	-	-
Smashburger #27 46385	29.15	-	-	-
Smashburger #27 46386	30.47	-	-	-
Sub Zero 46387	28.93	-	-	-
Sub Zero 46388	29.86	-	-	-
Sub Zero 46389	30.29	-	-	-
Sub Zero 46390	30.11	-	-	-
Sub Zero 46391	29.23	-	-	-
Supreme Lee Hi 46392	28.69	-	-	-
Supreme Lee Hi 46393	29.87	-	-	-
Supreme Lee Hi 46394	29.04	-	-	-
Supreme Lee Hi 46395	29.23	-	-	-
Supreme Lee Hi 46396	27.25	-	-	-
Supreme Lee Hi 46397	31.07	-	-	-
Supreme Lee Hi 46398	28.49	-	-	-
The Bridge 46452	30.62	-	-	-
The Bridge 46453	28.81	-	-	-
The Bridge 46454	30.46	-	-	-
The Bridge 46455	30.44	-	-	-
The Bridge 46456	28.68	-	-	-
The Bridge 46457	30.25	-	-	-
The Bridge 46458	31.11	-	-	-
Trap Fuel 46399	30.51	-	-	-
Trap Fuel 46400	31.19	-	-	-
Trap Fuel 46401	29.75	-	-	-
Trap Fuel 46402	30.05	-	-	-
Trap Fuel 46403	29.95	-	-	-
Trap Fuel 46404	30.47	-	-	-
Trap Fuel 46405	28.91	-	-	-
Velvet Cherry 46406	28.8	-	-	-
Velvet Cherry 46407	28.22	-	-	-
Velvet Cherry 46408	27.62	-	-	-
Velvet Cherry 46409	27.78	-	-	-
Velvet Cherry 46410	29.25	-	-	-
Velvet Cherry 46411	28.49	-	-	-
Velvet Cherry 46412	28.87	-	-	-
Zlurpee 46413	28.34	-	-	-
Zlurpee 46414	31.65	-	-	-
Zlurpee 46415	28.89	-	-	-
Zlurpee 46416	27.56	-	-	-

Amplification Plots:

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



















