



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 4072

Target pathogen: Hop Latent Viroid

18 April 2025



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 04/16/2025
Date Received: 04/17/2025
Date Reported: 04/18/2025
Total samples: 63

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	-	25.46	-	+
.Positive 2	-	-	29.14	+
Maddfruit 46438	32.94	-	-	-
Maddfruit 46439	29.87	-	-	-
Maddfruit 46440	28.28	-	-	-
Maddfruit 46441	31.15	-	-	-
Maddfruit 46442	31.02	-	-	-
Maddfruit 46443	29.26	-	-	-
Maddfruit 46444	30.97	-	-	-
Mojo Dojo 46445	30.88	-	-	-
Mojo Dojo 46446	33.43	-	-	-
Mojo Dojo 46447	32.65	-	-	-
Mojo Dojo 46448	31.49	-	-	-
Mojo Dojo 46449	29.98	-	-	-
Mojo Dojo 46450	30.87	-	-	-
Mojo Dojo 46451	30.29	-	-	-
Mutenant Dan 46484	31.84	-	-	-
Mutenant Dan 46485	29.88	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Mutenant Dan 46487	29.14	-	-	-
Mutenant Dan 46488	27.78	-	-	-
Mutenant Dan 46489	29.51	-	-	-
Royal Jester 46418	28.04	-	-	-
Royal Jester 46419	28.97	-	-	-
Royal Jester 46420	32.17	-	-	-
Royal Jester 46421	30.64	-	-	-
Royal Jester 46422	31.7	-	-	-
Royal Jester 46423	31.14	-	-	-
Royal Jester 46424	29.08	-	-	-
The Bridge 46452	30.05	-	-	-
The Bridge 46453	27.6	-	-	-
The Bridge 46454	30.04	-	-	-
The Bridge 46455	27.56	-	-	-
The Bridge 46456	20.23	-	-	-
The Bridge 46457	29.26	-	-	-
The Bridge 46458	29.45	-	-	-
Trapzilla 46459	29.32	-	-	-
Trapzilla 46460	30.55	-	-	-
Trapzilla 46461	31.25	-	-	-
Trapzilla 46462	30.44	-	-	-
Trapzilla 46463	31.69	-	-	-
Tropicanna Cherries 46406	32.05	-	-	-
Tropicanna Cherries 46501	27.31	-	-	-
Tropicanna Cherries 46502	31.55	-	-	-
Tropicanna Cherries 46503	28.94	-	-	-
Tropicanna Cherries 46504	31.03	-	-	-
Tropicanna Cherries 46505	27.41	-	-	-
Tropicanna Cherries 46507	30.2	-	-	-
White Choc Chip #8 46508	29.58	-	-	-
White Choc Chip #8 46509	31.05	-	-	-
White Choc Chip #8 46510	31.87	-	-	-
White Choc Chip #8 46511	29.7	-	-	-
White Choc Chip #8 46512	29.24	-	-	-
White Truffle 46513	30.65	-	-	-
White Truffle 46514	28.87	-	-	-
White Truffle 46515	29.39	-	-	-
White Truffle 46516	29.4	-	-	-
White Truffle 46517	30.84	-	-	-
Zazhimi 46518	30.74	-	-	-
Zazhimi 46519	29.54	-	-	-
Zazhimi 46520	28.77	-	-	-
Zazhimi 46521	28.27	-	-	-
Zazhimi 46522	30.02	-	-	-
Zazhimi 46523	29.22	-	-	-
Zazhimi 46524	29.1	-	-	-
Zazhimi 46525	29.15	-	-	-

Amplification Plots:

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

















