



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 3086

Target pathogen: Hop Latent Viroid

10 March 2025



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 03/05/2025
Date Received: 03/07/2025
Date Reported: 03/10/2025
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	-	29.42	-	+
.Positive 2	-	-	27.93	+
Mutenant Dan 45923	30.45	-	-	-
Mutenant Dan 45924	31.92	-	-	-
Mutenant Dan 46132	28.33	-	-	-
Mutenant Dan 46133	30.99	-	-	-
Mutenant Dan 46134	29.79	-	-	-
Permanent Lee Hi 46208	26.86	-	-	-
Permanent Lee Hi 46209	28.15	-	-	-
Permanent Lee Hi 46210	28.05	-	-	-
Permanent Lee Hi 46211	29.86	-	-	-
Permanent Lee Hi 46212	27.17	-	-	-
Permanent Lee Hi 46213	29.1	-	-	-
Permanent Lee Hi 46214	28.19	-	-	-
Pink RNTZ 46201	29.03	-	-	-
Pink RNTZ 46202	31.13	-	-	-
Pink RNTZ 46203	31.12	-	-	-
Pink RNTZ 46204	28.87	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Pink RNTZ 46205	28.84	-	-	-
Pink RNTZ 46206	28.35	-	-	-
Pink RNTZ 46207	28.65	-	-	-
Punch Breath 46197	30.64	-	-	-
Punch Breath 46198	31.31	-	-	-
Punch Breath 46199	31.68	-	-	-
Punch Breath 46200	29.35	-	-	-
Red Pave 46140	30.52	-	-	-
Red Pave 46141	30.34	-	-	-
Red Pave 46142	30.12	-	-	-
Red Pave 46143	30.73	-	-	-
Red Pave 46144	30.95	-	-	-
Red Pave 46145	31.82	-	-	-
Red Pave 46146	29.01	-	-	-
Red Pave 46147	27.87	-	-	-
Red Pave 46148	28.97	-	-	-
Southern Sunset 46190	30.44	-	-	-
Southern Sunset 46191	30.67	-	-	-
Southern Sunset 46192	30.42	-	-	-
Southern Sunset 46193	30.33	-	-	-
Southern Sunset 46194	28.37	-	-	-
Southern Sunset 46195	30.19	-	-	-
Southern Sunset 46196	30.07	-	-	-
Spritzer 46185	28.5	-	-	-
Spritzer 46186	30.05	-	-	-
Spritzer 46187	29.09	-	-	-
Spritzer 46188	28.29	-	-	-
Spritzer 46189	28.76	-	-	-
Tropicanna Cherries 46050	28.9	-	-	-
Tropicanna Cherries 46051	29.21	-	-	-
Tropicanna Cherries 46052	28.65	-	-	-
Tropicanna Cherries 46053	28.82	-	-	-
Tropicanna Cherries 46054	31.29	-	-	-
Tropicanna Cherries 46055	29.34	-	-	-
Tropicanna Cherries 46166	30.14	-	-	-
Tropicanna Cherries 46167	29.77	-	-	-
Tropicanna Cherries 46168	30.73	-	-	-
Tropicanna Cherries 46169	29.52	-	-	-
Tropicanna Cherries 46170	31.55	-	-	-
White Choc Chip #8 46149	30.67	-	-	-
White Choc Chip #8 46150	30.3	-	-	-
White Choc Chip #8 46151	29.32	-	-	-
White Choc Chip #8 46152	28.82	-	-	-
White Choc Chip #8 46153	30.46	-	-	-
White Truffle 46154	32.13	-	-	-
White Truffle 46155	29.54	-	-	-
White Truffle 46156	30.91	-	-	-
White Truffle 46157	30.59	-	-	-
White Truffle 46158	31.23	-	-	-

Amplification Plots:

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

















