



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 3072

Target pathogen: Hop Latent Viroid

14 February 2025



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 02/12/2025
Date Received: 02/13/2025
Date Reported: 02/14/2025
Total samples: 43

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	-	27.93	-	+
.Positive 2	-	-	28.21	+
Southern Sunset Retest	30.72	-	-	-
Stunna Runtz 46178	32.27	-	-	-
Stunna Runtz 46179	30.03	-	-	-
Stunna Runtz 46180	28.17	-	-	-
Stunna Runtz 46181	29.12	-	-	-
Stunna Runtz 46182	29.5	-	-	-
Stunna Runtz 46183	32.78	-	-	-
Stunna Runtz 46184	30.1	-	-	-
The Bridge 45442	30.49	-	-	-
Tokyo Fuzz 45967	31.27	-	-	-
Tokyo Fuzz 45968	29.73	-	-	-
Trapzilla 46033	28.83	-	-	-
Trapzilla 46034	30.45	-	-	-
Trapzilla 46035	31.43	-	-	-
Trapzilla 46036	29.96	-	-	-
Trapzilla 46037	31.42	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Trapzilla 46038	29.48	-	-	-
Trapzilla 46039	30.63	-	-	-
Tribute 45965	32.25	-	-	-
Tribute 45966	33.03	-	-	-
Trop Cherry RNTZ 46171	31.58	-	-	-
Trop Cherry RNTZ 46172	28.09	-	-	-
Trop Cherry RNTZ 46173	26.55	-	-	-
Trop Cherry RNTZ 46174	32.26	-	-	-
Trop Cherry RNTZ 46175	29.2	-	-	-
Trop Cherry RNTZ 46176	29.56	-	-	-
Trop Cherry RNTZ 46177	27.86	-	-	-
Tropicanna Cherries 45493	30.52	-	-	-
Tropicanna Cherries 45494	30.16	-	-	-
Tropicanna Cherries 45495	28.18	-	-	-
Tropicanna Cherries 45496	29.18	-	-	-
Tropicanna Cherries 45497	30.06	-	-	-
Watermelon Milkshake 45964	28.71	-	-	-
Watermelon Milkshake 46109	31.99	-	-	-
Watermelon Wonder 46159	27.32	-	-	-
Watermelon Wonder 46160	29.67	-	-	-
Watermelon Wonder 46161	27.72	-	-	-
Watermelon Wonder 46162	32.38	-	-	-
Watermelon Wonder 46163	32.18	-	-	-
Watermelon Wonder 46164	30.14	-	-	-
Watermelon Wonder 46165	30.34	-	-	-
Wingsuit 46107	31.93	-	-	-
Wingsuit 46108	30.73	-	-	-

Amplification Plots:

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











