



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1589

Target pathogen: Hop Latent Viroid

15 March 2024

**Order details:**

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 03/13/2024
Date Received: 03/14/2024
Date Reported: 03/15/2024
Total samples: 80

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	-	24.59	-	+
.Positive 2	-	-	28.3	+
Black Amber 42021	27.64	-	-	-
Blue Dream 42305	24.96	-	-	-
Blue Dream 42306	28.65	-	-	-
Blue Dream 42307	26.27	-	-	-
CF 50 42003	24.23	-	-	-
CF 50 42004	27.2	-	-	-
Cherry Dosidos 42020	24.55	-	-	-
CW-6S 42005	23.58	-	-	-
Dante's Inferno 42302	25.05	-	-	-
Dark Queen 42303	25.1	-	-	-
Gary Eyes 41930	22.97	-	-	-
Gary Eyes 41931	24.85	-	-	-
Gary Eyes 41932	25.51	-	-	-
Gary Eyes 41933	25.64	-	-	-
Gary Eyes 41934	23.93	-	-	-
Gary Eyes 42346	22.87	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Gary Eyes 42347	23.68	-	-	-
Gary Eyes 42348	24.49	-	-	-
Gary Eyes 42349	25.93	-	-	-
Gary Eyes 42350	24.77	-	-	-
Gorilla Breath 42301	24.8	-	-	-
Lem Chry Gel x Bl Velvet 42304	25.96	-	-	-
Lemon Cherry Gelato 42247	25.67	-	-	-
Lemon Cherry Gelato 42248	25.73	-	-	-
Lemon Cherry Gelato 42249	26.23	-	-	-
Lemon Cherry Gelato 42250	25.44	-	-	-
Lemon Cherry Gelato 42251	24.33	-	-	-
Rainbow Sherb 11 42081	24.62	-	-	-
Rainbow Sherb 11 42082	25.21	-	-	-
Rainbow Sherb 11 42083	28.3	-	-	-
Rainbow Sherb 11 42084	23.23	-	-	-
Rainbow Sherb 11 42085	23.92	-	-	-
Rainbow Sherb 11 42086	23.06	-	-	-
Rainbow Sherb 11 42087	24.67	-	-	-
Rainbow Sherb 11 42088	28.79	-	-	-
Redneck Bubba 42076	23.14	-	-	-
Redneck Bubba 42077	25.04	-	-	-
Redneck Bubba 42078	25.68	-	-	-
Redneck Bubba 42079	28.23	-	-	-
Redneck Bubba 42080	27.85	-	-	-
Super Charger 42061	27.45	-	-	-
Super Charger 42062	24.08	-	-	-
Super Charger 42063	29.07	-	-	-
Super Charger 42064	24.12	-	-	-
Super Charger 42065	26.61	-	-	-
Super Charger 42066	25.3	-	-	-
Super Charger 42067	25.23	-	-	-
Super Charger 42068	25.9	-	-	-
Super Charger 42069	24.74	-	-	-
Super Charger 42070	24.71	-	-	-
The Emerald Cut 42071	25.22	-	-	-
The Emerald Cut 42072	24.85	-	-	-
The Emerald Cut 42073	25.57	-	-	-
The Emerald Cut 42074	26.27	-	-	-
The Emerald Cut 42075	22.64	-	-	-
The Emerald Cut 42089	25.44	-	-	-
The Emerald Cut 42090	23	-	-	-
Tropicanna Cherries 42110	23.41	-	-	-
Tropicanna Cherries 42111	25.01	-	-	-
Tropicanna Cherries 42112	24.71	-	-	-
Tropicanna Cherries 42113	22.62	-	-	-
Tropicanna Cherries 42114	24.11	-	-	-
Tropicanna Cherries 42115	24.55	-	-	-
White Truffle 42108	27.78	-	-	-
White Truffle 42109	24.85	-	-	-
White Truffle 42135	22.69	-	-	-
White Truffle 42136	23.98	-	-	-
White Truffle 42137	23.29	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
White Truffle 42138	23.46	-	-	-
Wonder Dawg 42132	25.11	-	-	-
Wonder Dawg 42133	24.69	-	-	-
Wonder Dawg 42134	23.5	-	-	-
Zazhimi 42054	24.41	-	-	-
Zazhimi 42055	24.38	-	-	-
Zazhimi 42056	23.75	-	-	-
Zazhimi 42057	23.8	-	-	-
Zazhimi 42058	24.43	-	-	-
Zazhimi 42059	29.14	-	-	-
Zazhimi 42060	28.77	-	-	-
Zazhimi 42131	24.49	-	-	-

Amplification Plots:

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





















