



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1553

Target pathogen: Hop Latent Viroid

23 February 2024



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 02/21/2024
Date Received: 02/22/2024
Date Reported: 02/23/2024
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	-	30.52	-	+
.Positive 2	-	-	25.15	+
Amaretto Sour 41906	25.05	-	-	-
Amaretto Sour 41907	23.75	-	-	-
Amaretto Sour 41908	28.36	-	-	-
Amaretto Sour 41909	23.48	-	-	-
Amaretto Sour 41910	24.99	-	-	-
Black Amber 42021	22.97	-	-	-
Blue Dream 42305	22.27	-	-	-
Blue Dream 42306	25.11	-	-	-
Blue Dream 42307	25.41	-	-	-
CF 50 42003	26.51	-	-	-
CF 50 42004	25.99	-	-	-
Cherry Dosidos 42020	25.12	-	-	-
CW-6S 42005	23.69	-	-	-
Dante's Inferno 42302	22.02	-	-	-
Dark Queen 42303	29.78	-	-	-
Frozen Rose 42139	22.93	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Frozen Rose 42140	24.21	-	-	-
Frozen Rose 42141	24.42	-	-	-
Frozen Rose 42142	22.73	-	-	-
Frozen Rose 42156	23.08	-	-	-
Glitter Bomb 42202	22.62	-	-	-
Glitter Bomb 42203	22.41	-	-	-
Glitter Bomb 42204	25.93	-	-	-
Glitter Bomb 42205	22.77	-	-	-
Glitter Bomb 42206	24.47	-	-	-
Gorilla Breath 42301	23.95	-	-	-
Hawaiian Snow 42224	24.78	-	-	-
Hawaiian Snow 42225	24.19	-	-	-
Hawaiian Snow 42226	25.18	-	-	-
Hawaiian Snow 42227	29.5	-	-	-
Hawaiian Snow 42228	25.25	-	-	-
Jack Herer 41952	26.95	-	-	-
Jack Herer 41953	28.26	-	-	-
Jack Herer 41954	25.6	-	-	-
Jack Herer 41955	25.18	-	-	-
Jack Herer 41956	23.17	-	-	-
Lem Chry Gel x Bl Velvet 42304	23.8	-	-	-
Menage 41957	23.71	-	-	-
Menage 41958	25.29	-	-	-
Menage 41959	27.06	-	-	-
Menage 41960	27.98	-	-	-
Menage 41961	24.04	-	-	-
Modified Grapes 41962	26.38	-	-	-
Modified Grapes 41963	23.99	-	-	-
Modified Grapes 41964	24.27	-	-	-
Modified Grapes 41965	22.86	-	-	-
Modified Grapes 41966	24.87	-	-	-
Modified Grapes 41967	24.02	-	-	-
Purple Churro 41978	26.3	-	-	-
Purple Churro 41979	29.76	-	-	-
Purple Churro 41983	24.92	-	-	-
Purple Churro 41984	22.45	-	-	-
Purple Churro 41985	26.85	-	-	-
Purple Churro 42308	24.58	-	-	-
Purple Churro 42309	24.34	-	-	-
Purple Churro 42310	24.91	-	-	-
Super Charger 42009	26.24	-	-	-
Super Charger 42010	25.73	-	-	-
Super Charger 42011	27.35	-	-	-
Super Charger 42012	25.44	-	-	-
Super Charger 42013	25.5	-	-	-
Super Charger 42014	24.89	-	-	-
Super Charger 42035	22.98	-	-	-
Super Charger 42036	25.38	-	-	-
The Soap 41986	24.97	-	-	-
The Soap 41987	24.31	-	-	-
The Soap 41988	22.08	-	-	-
The Soap 41989	27.26	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
The Soap 41990	23.85	-	-	-
The Soap 41991	23.8	-	-	-
White Choc Chip #8 41992	24.94	-	-	-
White Choc Chip #8 41993	23.23	-	-	-
White Choc Chip #8 41994	23.44	-	-	-
White Choc Chip #8 41995	25.17	-	-	-
White Choc Chip #8 41996	24.94	-	-	-
Zlurpee 41997	25.5	-	-	-
Zlurpee 41998	29.17	-	-	-
Zlurpee 41999	22.98	-	-	-
Zlurpee 42000	22.49	-	-	-
Zlurpee 42015	27.31	-	-	-

Amplification Plots:

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





















