



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1646

Target pathogen: Hop Latent Viroid

05 April 2024



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 04/03/2024
Date Received: 04/04/2024
Date Reported: 04/05/2024
Total samples: 78

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	-	27.84	-	+
.Positive 2	-	-	28.74	+
Black Amber 42021	25.28	-	-	-
CF 50 42003	30.4	-	-	-
CF 50 42004	25.18	-	-	-
Cherry Dosidos 42020	24.12	-	-	-
CW-6S 42005	24.52	-	-	-
Dante's Inferno 42302	22.47	-	-	-
Dark Queen #8 42303	25.95	-	-	-
Gary Eyes 41930	25.74	-	-	-
Gary Eyes 41931	24.53	-	-	-
Gary Eyes 41932	25.28	-	-	-
Gary Eyes 41933	23.21	-	-	-
Gary Eyes 41934	25.98	-	-	-
Gary Eyes 42346	23.39	-	-	-
Gary Eyes 42347	25.85	-	-	-
Gary Eyes 42348	24	-	-	-
Gary Eyes 42349	24.38	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Gary Eyes 42350	24.52	-	-	-
Gorilla Breath 42301	23.77	-	-	-
Lem Chry Gel x Bl Velvet 42304	24.14	-	-	-
NF 90 42002	22.62	-	-	-
NF 90 42037	23.94	-	-	-
OMG 42207	27.19	-	-	-
OMG 42208	25.83	-	-	-
OMG 42209	24.27	-	-	-
OMG 42210	26.61	-	-	-
OMG 42211	25.02	-	-	-
Pink Trufflez 41973	24.83	-	-	-
Pink Trufflez 41974	26.42	-	-	-
Pink Trufflez 41975	29.83	-	-	-
Pink Trufflez 41976	25.14	-	-	-
Pink Trufflez 41977	24.84	-	-	-
Punch Breath 42258	28.42	-	-	-
Punch Breath 42259	29.57	-	-	-
Punch Breath 42260	26.17	-	-	-
Punch Breath 42261	27.32	-	-	-
Punch Breath 42262	25	-	-	-
Punch Breath 42263	28.94	-	-	-
Purple Churro 42264	30.12	-	-	-
Purple Churro 42265	25.23	-	-	-
Purple Churro 42266	27.84	-	-	-
Purple Churro 42267	25.39	-	-	-
Purple Churro 42268	24.83	-	-	-
Spritzer 42269	26.55	-	-	-
Spritzer 42270	28.22	-	-	-
Spritzer 42271	30.22	-	-	-
Spritzer 42272	26.12	-	-	-
Spritzer 42273	29.93	-	-	-
Spritzer 42274	23.57	-	-	-
Spritzer 42275	26.35	-	-	-
Spritzer 42276	26.45	-	-	-
Super Charger 42061	25.56	-	-	-
Super Charger 42062	26.74	-	-	-
Super Charger 42063	23.93	-	-	-
Super Charger 42064	27.82	-	-	-
Super Charger 42065	26.04	-	-	-
Super Charger 42066	24.05	-	-	-
Super Charger 42067	28.22	-	-	-
Super Charger 42068	28.45	-	-	-
Super Charger 42069	24.64	-	-	-
Super Charger 42070	24.77	-	-	-
Watermelon Jealousy 42290	24.91	-	-	-
Watermelon Jealousy 42291	29.54	-	-	-
Watermelon Jealousy 42292	28.58	-	-	-
Watermelon Jealousy 42293	29.69	-	-	-
Watermelon Jealousy 42294	24.54	-	-	-
Watermelon Jealousy 42295	23.92	-	-	-
White Choc Chip #8 42410	24.49	-	-	-
White Choc Chip #8 42411	27.89	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
White Choc Chip #8 42412	23.58	-	-	-
White Choc Chip #8 42413	23.95	-	-	-
White Choc Chip #8 42414	24.84	-	-	-
White Choc Chip #8 42415	22.67	-	-	-
White Choc Chip #8 42416	23.28	-	-	-
Zlurpee 42296	30.29	-	-	-
Zlurpee 42297	25.37	-	-	-
Zlurpee 42298	23.64	-	-	-
Zlurpee 42299	23.55	-	-	-
Zlurpee 42300	24.16	-	-	-

Amplification Plots:

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





















