



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1797

Target pathogen: Hop Latent Viroid

07 June 2024



**Order details:**

**Client:** Kaprikorn  
**Target Pathogen:** Hop Latent Viroid  
**Date Sampled:** 06/05/2024  
**Date Received:** 06/06/2024  
**Date Reported:** 06/07/2024  
**Total samples:** 88

**NUMBER SAMPLES INFECTED:** 0

**Results interpretation:**

**C<sub>T</sub> (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<sub>T</sub>  
EXCELLENT: 27 - 30 C<sub>T</sub>  
GREAT: 30 - 32 C<sub>T</sub>  
OKAY: 32 - 35 C<sub>T</sub>  
FAIL: >35 C<sub>T</sub>

**HLVd** - Detection C<sub>T</sub> and relative amount of HLVd in the sample:

HIGH: <15 - 20 C<sub>T</sub>  
MEDIUM: 21 - 28 C<sub>T</sub>  
LOW: 29 - <35 C<sub>T</sub>  
INCONCLUSIVE: >35 C<sub>T</sub>

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
.Positive 1	-	24.09	-	+
.Positive 2	-	-	29.27	+
Cali Burger 42591	30.57	-	-	-
Cali Burger 42592	30.53	-	-	-
Cali Burger 42593	29.67	-	-	-
Cali Burger 42594	30.97	-	-	-
Cali Burger 42595	30.57	-	-	-
Cali Burger 42596	29.92	-	-	-
Cali Burger 42597	32.96	-	-	-
Cali Burger 42598	29.4	-	-	-
Coconut Milk 42599	28.92	-	-	-
Coconut Milk 42600	30.82	-	-	-
Coconut Milk 42601	29.39	-	-	-
Coconut Milk 42602	29.76	-	-	-
Coconut Milk 42603	30.13	-	-	-
Divine Banana 42604	31.32	-	-	-
Divine Banana 42605	29.6	-	-	-
Divine Banana 42606	30.11	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Divine Banana 42607	30.51	-	-	-
Divine Banana 42608	31.02	-	-	-
Divine Banana 42609	29.96	-	-	-
Divine Banana 42610	30.86	-	-	-
Divine Banana 42611	32.32	-	-	-
Gas Face #1 42579	30.19	-	-	-
Gas Face #1 42580	30.87	-	-	-
Gas Face #1 42581	30.31	-	-	-
Gas Face #1 42582	30.98	-	-	-
Gas Face #1 42583	29.29	-	-	-
Gas Face #1 42584	30.3	-	-	-
Georgia Pie 42617	30.21	-	-	-
Georgia Pie 42618	32.36	-	-	-
Georgia Pie 42619	30.03	-	-	-
Georgia Pie 42620	30.83	-	-	-
Goofiez 42585	31.25	-	-	-
Goofiez 42586	29.93	-	-	-
Goofiez 42587	30.09	-	-	-
Goofiez 42588	30.42	-	-	-
Goofiez 42589	31.28	-	-	-
Goofiez 42590	30.55	-	-	-
Jack Herer 42572	31.44	-	-	-
Jack Herer 42573	30.5	-	-	-
Jack Herer 42574	31.71	-	-	-
Jack Herer 42575	29.7	-	-	-
Jack Herer 42576	29.91	-	-	-
Jack Herer 42577	29.43	-	-	-
Jack Herer 42578	30.57	-	-	-
Menage 42621	30.55	-	-	-
Menage 42622	29.78	-	-	-
Menage 42623	29.28	-	-	-
Menage 42624	28.54	-	-	-
Menage 42625	29.67	-	-	-
Menage 42626	30.1	-	-	-
Modified Grapes 42627	30.92	-	-	-
Modified Grapes 42628	29.95	-	-	-
Modified Grapes 42629	31.22	-	-	-
Modified Grapes 42630	30.4	-	-	-
Modified Grapes 42631	29.82	-	-	-
Modified Grapes 42632	30.84	-	-	-
Purple Churro 42633	29.94	-	-	-
Purple Churro 42634	29.74	-	-	-
Purple Churro 42635	29.94	-	-	-
Purple Churro 42636	28.4	-	-	-
Purple Churro 42637	29.95	-	-	-
Purple Churro 42638	28.93	-	-	-
Super Charger 42639	29.37	-	-	-
Super Charger 42640	29.63	-	-	-
Super Charger 42641	29.45	-	-	-
Super Charger 42642	29.72	-	-	-
Super Charger 42643	28.8	-	-	-
Super Charger 42644	28.9	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
The Soap 42645	31	-	-	-
The Soap 42646	30.22	-	-	-
The Soap 42647	29.03	-	-	-
The Soap 42648	30.23	-	-	-
The Soap 42649	30.69	-	-	-
The Soap 42650	30.58	-	-	-
White Choc Chip #8 42564	30.32	-	-	-
White Choc Chip #8 42565	30.02	-	-	-
White Choc Chip #8 42566	29.03	-	-	-
White Choc Chip #8 42567	29.15	-	-	-
White Choc Chip #8 42568	29.87	-	-	-
White Choc Chip #8 42569	30.32	-	-	-
White Choc Chip #8 42570	29.3	-	-	-
White Choc Chip #8 42571	31.5	-	-	-
Zlurpee 42651	30.12	-	-	-
Zlurpee 42652	31.33	-	-	-
Zlurpee 42653	28.65	-	-	-
Zlurpee 42654	29.26	-	-	-
Zlurpee 42655	29.02	-	-	-
Zlurpee 42657	28.39	-	-	-

**Amplification Plots:**

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

























