



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 4620

Target pathogen: Hop Latent Viroid

20 January 2026

Order details:**Client:** Kaprikorn**Target Pathogen:** Hop Latent Viroid**Date Sampled:** 01/14/2026**Date Received:** 01/16/2026**Date Reported:** 01/20/2026**Total samples:** 83**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_TEXCELLENT: 27 - 30 C_TGREAT: 30 - 32 C_TOKAY: 32 - 35 C_TFAIL: >35 C_T**HLVd** - Detection C_T and relative amount of HLVd in the sample:HIGH: <15 - 20 C_TMEDIUM: 21 - 28 C_TLOW: 29 - <35 C_TINCONCLUSIVE: >35 C_T

Sample	Control	HLVd #1	HLVd #2	HLVd Status
.Positive Control 1	-	26.48	-	+
.Positive Control 2	-	-	24.61	+
Blizzard King 47989	30.13	-	-	-
Blizzard King 47990	31.14	-	-	-
Blizzard King 47991	30.86	-	-	-
Blizzard King 47992	28.38	-	-	-
Blue Andeze 47993	29.24	-	-	-
Blue Andeze 47994	29.9	-	-	-
Blue Andeze 47995	29.1	-	-	-
Blue Andeze 47996	27.57	-	-	-
Bubblegum Sherb 48001	29.73	-	-	-
Bubblegum Sherb 48002	29.17	-	-	-
Bubblegum Sherb 48003	30.06	-	-	-
Bubblegum Sherb 48004	28.13	-	-	-
Cap Junky 48032	31.07	-	-	-
Cap Junky 48033	30.04	-	-	-
Cap Junky 48034	27.77	-	-	-
Cap Junky 48035	28.22	-	-	-



Sample	Control	HLVd #1	HLVd #2	HLVd Status
Cap Junky 48036	26.92	-	-	-
Cap Junky 48037	27.65	-	-	-
Gary Payton 48027	30.08	-	-	-
Gary Payton 48028	28.46	-	-	-
Gary Payton 48029	30.02	-	-	-
Gary Payton 48030	30.28	-	-	-
Gary Payton 48031	28.28	-	-	-
Glitter Bomb 48044	29.8	-	-	-
Glitter Bomb 48045	30.58	-	-	-
Glitter Bomb 48046	28.8	-	-	-
Glitter Bomb 48047	28.1	-	-	-
Glitter Bomb 48048	27.65	-	-	-
Glitter Bomb 48049	28.76	-	-	-
Grape Gasoline 48005	29.09	-	-	-
Grape Gasoline 48006	27.19	-	-	-
Grape Gasoline 48007	29.07	-	-	-
Grape Gasoline 48008	27.67	-	-	-
Gruntz 48013	27.85	-	-	-
Gruntz 48014	28.71	-	-	-
Gruntz 48015	28.53	-	-	-
Gruntz 48016	30.32	-	-	-
Ice Cream Cake 48038	27.89	-	-	-
Ice Cream Cake 48039	28.49	-	-	-
Ice Cream Cake 48040	29.3	-	-	-
Ice Cream Cake 48041	28.65	-	-	-
Ice Cream Cake 48042	29.39	-	-	-
Ice Cream Cake 48043	28.76	-	-	-
Illemonatti 48009	29.19	-	-	-
Illemonatti 48010	28.47	-	-	-
Illemonatti 48011	27.95	-	-	-
Illemonatti 48012	28.57	-	-	-
Jokerz Candy 47997	29.76	-	-	-
Jokerz Candy 47998	31.52	-	-	-
Jokerz Candy 47999	28.21	-	-	-
Jokerz Candy 48000	27.52	-	-	-
Melted Strawberries 47981	28.16	-	-	-
Melted Strawberries 47982	28.32	-	-	-
Melted Strawberries 47983	29.98	-	-	-
Melted Strawberries 47984	28.1	-	-	-
Punch Breath 48050	28.06	-	-	-
Punch Breath 48051	27.87	-	-	-
Punch Breath 48052	28.18	-	-	-
Punch Breath 48053	27.9	-	-	-
Punch Breath 48054	29.2	-	-	-
Punch Breath 48055	28.75	-	-	-
Punch Breath 48056	29.42	-	-	-
Purple Chrome 48022	28.13	-	-	-
Purple Chrome 48023	28.67	-	-	-
Purple Chrome 48024	28.38	-	-	-
Purple Chrome 48025	29.95	-	-	-
Purple Chrome 48026	28.21	-	-	-
Purple Planet 47979	27.52	-	-	-

Sample	Control	HLVd #1	HLVd #2	HLVd Status
Smashburger 48017	28.06	-	-	-
Smashburger 48018	25.72	-	-	-
Smashburger 48019	27.8	-	-	-
Smashburger 48020	28.45	-	-	-
Smashburger 48021	28.73	-	-	-
Trap Fuel 48057	27.73	-	-	-
Trap Fuel 48058	26.9	-	-	-
Trap Fuel 48059	28.21	-	-	-
Trap Fuel 48060	28.78	-	-	-
Trap Fuel 48061	27.84	-	-	-
Trap Fuel 48062	28.51	-	-	-
Trap Fuel 48063	29.92	-	-	-
Wingsuit 47897	28.75	-	-	-
Wingsuit 47898	28.46	-	-	-
Wingsuit 47899	29.51	-	-	-

Amplification Plots:

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























