



TaqMan RT-PCR Results

Client: Kaprikorn

Order: KAP97

Target pathogen: Hop Latent Viroid

26 June 2026

Hop Latent Viroid

Order details:**Client:** Kaprikorn**Target Pathogen:** Hop Latent Viroid**Date Sampled:** 06/24/2026**Date Received:** 06/25/2026**Date Reported:** 06/26/2026**Total samples:** 6**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	HLVd Status	Sample Tested
HLVd Control	-	27.18	+	-
Z 48412	29.28	-	-	Root
Z x Starburst OG 48409	29.23	-	-	Root
Zang Banger 48523	32.39	-	-	Root
Zowah 48495	28.76	-	-	Root
Zsunami 48519	30.27	-	-	Root
Zuava 48888	30.02	-	-	Root

Amplification Plots:

RED = Control, GREEN = HLVd

Hop Latent Viroid

