



TaqMan RT-PCR Results

Client: Booms Pharm

Order: 4330

Target pathogen: *Fusarium* spp.

21 August 2025

**Order details:****Client:** Booms Pharm**Target Pathogen:** Fusarium spp.**Date Sampled:** 08/11/2025**Date Received:** 08/14/2025**Date Reported:** 08/21/2025**Total samples:** 10**NUMBER SAMPLES POSITIVE:** 0**Results interpretation:****C_T (cycle threshold)** - number of cycles to detect the target. Lower indicates more pathogen.**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.**Fusarium-** Detection C_T and relative amount of Fusarium in the sample:HIGH: <15 - 20 C_TMEDIUM: 21 - 28 C_TLOW: 29 - <35 C_TINCONCLUSIVE: >35 C_T

Identifier	Control	Fusarium	Fusarium Status
.Fusarium Control	-	25.39	+
CA112648	31.42	-	-
CA112649	30.94	-	-
CA112650	30.9	-	-
CA112651	29.37	-	-
CA112652	29.96	-	-
CA112653	31.75	-	-
CA112654	30.18	-	-
CA112655	30.46	-	-
CA112656	33.49	-	-
CA112657	30.9	-	-

Amplification Plots:

RED = Control, and BLUE = Fusarium





