



TaqMan RT-PCR Results

Client: Booms Pharm

Order: 4297

Target pathogen: Fusarium spp.

05 August 2025

**Order details:****Client:** Booms Pharm**Target Pathogen:** Fusarium spp.**Date Sampled:** 07/27/2025**Date Received:** 07/31/2025**Date Reported:** 08/05/2025**Total samples:** 11**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	-	24.39	+
CA112637	31.6	-	-
CA112638	31.2	-	-
CA112639	30.59	-	-
CA112640	31.23	-	-
CA112641	31.58	-	-
CA112642	31.26	-	-
CA112643	31.35	-	-
CA112644	31.74	-	-
CA112645	29.96	-	-
CA112646	30.82	-	-
CA112647	28.65	-	-

Amplification Plots:

RED = Control, and BLUE = Fusarium





