

**Client Name:** Trilogene Seeds  
959 Wolf Creek Dr  
Longmont, CO 80504  
**Email:** Jen@Trilogenseeds.com

**Sample Received:** 02/12/2021  
**# of Seeds Tested:** 400  
**Samples Tested By:** AL/MND  
**Client ID:** S06AA-0175

**Hemp Seed Germination Rate Testing**

**Test Date:** 02/16/2021-02/23/2021  
**Seed Name:** *Cannabis sativa* – Hemp Seed;  
**Date Report Completed:** 02/24/2021

**Accession Number:** 210430006  
**Sample ID:** Auto Magik  
**Batch/Lot:** 0121IHAMNG

**Results:**



AOSA Modified Between Blotters Method

**98% (393) of Seeds Germinated**  
**(0) Cracked or Aborted Growth**  
**(0) Abnormal Growth**  
**(393) Normal Growth**

**2% (7) of Seeds did not Germinate**  
**(28) Seeds were Moldy**  
**(22) Seeds had mold and Germinated**

**Results Interpretation:** Seed germination – In seed laboratory practice, germination is defined as the emergence and development from the seed embryo of those essential structures that, for the kind of seed in question, are indicative of the ability to produce a normal plant under favorable conditions.

**Methodology:**

Modified Between Blotters Method – Seeds were placed between two layers of pre-wetted, sterile, 3MW blotting paper in a 48 well plate. Seeds were incubated for 7 days at 22.25°C (21.8-22.7 °C). Relative humidity in incubator was 99%. Plates were checked daily and water added to blotters as needed to keep them damp. Upon completion of the test, all samples were removed from plate for inspection, results recorded, and samples destroyed and disposed of.

**Limitations:** This test is based on AOSA-Rules for Testing Seeds Volume 1. Principles and Procedures; Section 6: Germination Tests; 2018. Hemp seed germination standards have not yet set by the USDA and adaption to current methods have been made. Different strains may germinate at different rates or at different speeds. If a strain takes longer than 10 days to germinate the test could result in artificially low rates.

Test developed and characteristics determined by Premium CBD Labs, LLC.