RIMROCK® ANALYTICAL

Analytical Results

Next Generation Sequencing Metagenomics

Rimrock Analytical

Sample Owner: Fungal Link LLC
David West

Customer Sample ID: Fungal Dominate Compost
Sample Date/Time: 2/25/26 | 10:00AM
Lab Number: GS-26-0067

Date Received: 3/3/2026
Date Reported: 3/20/2026
Matrix: Compost

Project Summary: A sample was collected according to protocol and delivered in a sterile sample container. DNA extraction and purification with fungal-specific amplification was conducted upstream of a Next Generation Sequencing (NGS) assay. The resulting raw data was base called and referenced against the our bioinformatics platform and the National Center for Biotechnology Information (NCBI) for species identification and taxonomic classification.

The sample resulted in a high level of microbial activity based on both culture media counts and recover organism(s) by NGS. The adjacent results table show the dominate fungal species detected.

A total of approximately 1,500,000 spores per gram (sp./g) of fungal microbes were detected.

Rhizophagus and Glomus spp. - Mycorrhizal fungi known to help facilitate nutrient uptake in plants. Commonly found in living soils, compost, native soils, but highly variable in abundance and viability.

Mucor spp. - Saprophytic fungi group that aids in the breakdown of organic materials. Very common in composts, teas, fermented inputs.

Recovered Organism(s)	Level (sp./g)	Method	Date Analyzed
Rhizophagus irregularis	724,000	NGS	3/6/2026
Glomus mosseae	15,000	NGS	3/6/2026
Glomus clarum	263,000	NGS	3/6/2026
Mucor zonatus	93,000	NGS	3/6/2026

Abbreviations:

ND	*Non-detected (absent)*
sp.	*Species*
NGS	NextGen Sequencing

QA/QC Results	
DNA Purity	✓
DNA Concentration	✓
Seq. Quality Score	✓

DATA APPROVED FOR RELEASE BY

Disclaimer: The information in this report relates solely to the samples listed and is intended for monitoring and informational purposes only. Although Rimrock Analytical ("we" or "us") endeavors to provide accurate, reliable, and complete information and results, we do not make any guarantee, representation or warranty as to the accuracy, reliability, or completeness of the information or results contained in this report. In no event will we be responsible or liable for your reliance upon or use of the information and results contained in this report, your actions in connection with such information and results, or any consequences resulting therefrom. The information and results contained herein are not suitable for regulatory or compliance reporting. We hereby disclaim any warranties (whether express or implied) with respect to, sample traceability, sample quality, or sample representation fitness. Please contact us for further questions or support at (970)210-9197 or taylor@rimrockanalytical.com. Visit www.rimrockanalytical.com for our complete terms and conditions.