

PolySeed®

Technical Report

PolySeed vs. Natural Seed

For BOD₅ Analysis

Which Seed Should You Use?

When it comes to deciding between PolySeed or natural seed for BOD₅ analysis with consistent results, PolySeed is the only seed you need.

Each pre-measured PolySeed capsule contains specialized microbial cultures ideal for use in a broad range of areas involving degradation of industrial and municipal waste. PolySeed is formulated in accordance with The Standard Methods for the Examination of Water and Wastewater. PolySeed is also available as PolySeed NX for CBOD₅ analysis. PolySeed NX contains an approved chemical additive for the inhibition of ammonia nitrogen (NH₃-N) in wastewater samples.

Look at the facts and try it today!

- Easy-to-use capsules yield seed inoculum for up to 200 BOD₅ tests
- Consistent, reliable test results
- EPA accepted

PolySeed	Natural Seed
Convenient Pre-measured capsules are fast and mess-free	Inconvenient Gathering seed is time consuming and messy
Safe PolySeed's non-pathogenic bacterial formulation does not put employees at risk	Safety Hazard Handling natural seed puts employees at risk for encountering toxic bacteria
Consistent PolySeed yields consistent results because it provides an identical seed source for every test; Each capsule of PolySeed contains the same type of bacteria	Inconsistent Natural seed yields inconsistent results because it does not provide an identical seed source for every test; The type and amount of bacteria in a sample of natural seed is always changing
Known Bacterial Content Each capsule of PolySeed contains the same special blend of bacteria which is ideally suited for use in the BOD test	Unknown Bacterial Content The type and amount of bacteria in natural seed is unknown; the sample may or may not contain a bacterial population sufficient enough for use in the BOD test
Free of Nitrifying Bacteria PolySeed's known bacterial content ensures a seed source that is free of nitrifying bacteria	Unknown Nitrifying Population The unknown contents of a natural seed sample may or may not contain nitrifying bacteria