

Fungal Glossary



Laboratory Testing Services Since 1981

Basidiospore

Natural Habitat	<ul style="list-style-type: none">◆ Forest floors◆ Lawns◆ Plants (saprobes or pathogens depending on genus)
Suitable Substrates in the Indoor Environment	<ul style="list-style-type: none">◆ Depends on genus◆ Wood products
Water Activity	<ul style="list-style-type: none">◆ Unknown
Mode of Dissemination	<ul style="list-style-type: none">◆ Forcible ejection◆ Wind currents
Allergenic Potential	<ul style="list-style-type: none">◆ Type I allergies (hay fever, asthma)◆ Type III (hypersensitivity pneumonitis)
Potential Opportunist or Pathogen	<ul style="list-style-type: none">◆ Depends on genus
Industrial Uses	<ul style="list-style-type: none">◆ Edible mushrooms are used in the food industry
Potential Toxins Produced	<ul style="list-style-type: none">◆ Amanitins◆ monomethyl-hydrazine◆ muscarine◆ ibotenic acid◆ psilocybin.
Other Comments	<ul style="list-style-type: none">◆ Basidiospores are the result of sexual reproduction and formed on a structure called the basidium. Basidiospores belong to the members of the Phylum Basidiomycota, which includes mushrooms, shelf fungi, rusts, and smuts