| **Classification** | **pH** |
| --- | --- |
| acidobiontic | optimal occurrence at pH < 5.5 |
| acidophilous | mainly occurring at pH < 7 |
| circumneutral | mainly occurring at pH-values about 7 |
| alkaliphilous | mainly occurring at pH > 7 |
| alkalbiontic | exclusively occurring at pH > 7 |
| indifferent | no apparent optimum |