



Product Information Sheet

F351 Funcelase®

Synonym: A mixture of β -1,3-Glucanase, Chitinase, Cellulase, and Xylanase
CAS: 62213-14-3
Formula: N/A
Molecular Wt: N/A

Properties

Form: Powder
Appearance: Tan to Brown Powder
Application: Enzyme
Solubility: Water
Typical Working Concentration: No typical working concentration as it is application-specific; consult the appropriate scientific literature for the species of interest.
Storage Temp: 2 to 6° C
Storage Temp of Stock Solution: Prepare fresh.
Other Notes: Derived from *Trichoderma viride*

Application Notes

Funcelase® is derived from *Trichoderma viride*, which is a registered trademark of Yakult Honsha Co. of Japan. It is a multi-system enzyme mixture consisting of β -1,3-glucanase, chitinase, cellulase, and xylanase. Funcelase® is often used in protoplast fusion to reduce the amount of time required for protoplasts preparation by degrading cell walls of various yeasts, molds, and mushrooms. It is also effective in the preparation of protoplasts for woody plants and true grasses when other enzyme like pectinase in Macerozyme has difficulty performing.

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