



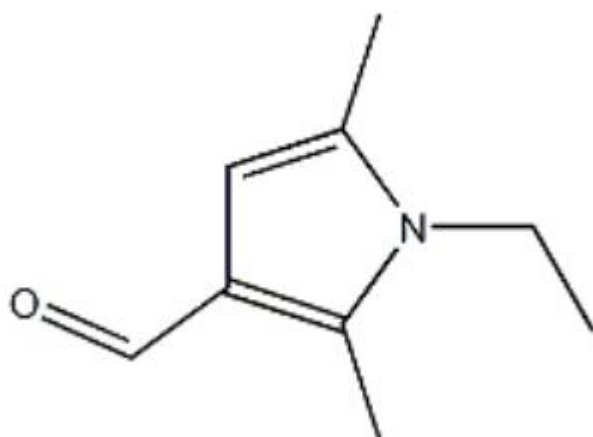
Unilong Industry Co., Ltd

Add: No.2000 Shunhua Rd, High-Tech Zone , Jinan City, Shandong Province, China
Contact: +86-18653132120

Product name: Laccase

CAS: 80498-15-3

Molecular Weight: 151.20562



Item	Standard
Water solubility	100g/L at 25°C
Density	1.37[at 20°C]
Vapor pressure	0.004Pa at 25°C
LogP	-1.3 at 20°C

Application:

Laccase is widely used in food, textile, paper and other industries. Laccase has the property of oxidizing phenolic substances, which can be converted into polyphenol



Unilong Industry Co., Ltd

Add: No.2000 Shunhua Rd, High-Tech Zone , Jinan City, Shandong Province, China
Contact: +86-18653132120

oxides. Polyphenol oxides themselves can be polymerized to form large particles, which are removed by filtration membranes. So laccase is used in beverage production for beverage clarification. Laccase can catalyze phenolic compounds in grape juice and wine without affecting the color and taste of the wine. Laccase is added to the final process of beer production to remove excess reactive oxygen species and polyphenol oxides, thereby extending the shelf life of beer. Laccase can degrade anthraquinone dyes, azo dyes and triphenylmethane dyes with high decolorization rate, long-lasting activity and high utilization rate. Laccase can oxidize the phenol hydroxyl group in lignin to turn it into phenoxy radical, and the conversion between the two groups will lead to the polymerization of lignin and depolymerization, thus accelerating the biobleaching process in the papermaking process.

Package:

25kg/drum or according to customer requirements.