



## Western Hemlock Bark Extract

### *What is bark extract?*

The residual bark from sawmills is finely milled and extracted using a special maceration method using alcohol and water. The obtained liquid is then dried into a concentrated powder. This extract is rich in bioactive molecules called secondary metabolites and can be dissolved in water similarly as an instant coffee powder.

### SOME KEY FACTS

- Rich in tannins and other polyphenols
- Antioxidant activity
- Natural dyeing agent
- 750,000 m<sup>3</sup>/year of hemlock bark available in BC
- Antifungal activity against agriculture pathogens
- Antibacterial activity against food born pathogens
- OR Potential food preservative
- OR Potential active ingredient in biopesticides