

Functional extract of seaweed harvested in Amakusa, Japan.

- **ECKLEXT® BG** is obtained by extracting with 80% 1,3-Butylene glycol from *Ecklonia kurome*, which is the specialty product harvested in the waters of Amakusa in Japan.

The oceanic polyphenols called phlorotannins are abundantly contained in *Ecklonia kurome*. It has been reported that phlorotannins have antibacterial activity and anti-inflammatory effect.



1 Product Features

- Antioxidant effect
- Inhibition of MMP-2 activity
- Keratinocytes growth-promoting activity
- Inhibition of degranulation (anti-inflammatory)
- Inhibition of advanced glycation endproducts (AGEs) synthesis



2 Composition / Specification

● Composition

INCI Name	Content(%)
ECKLONIA KUROME EXTRACT	1.0
BUTHYLENE GLYCOL	79.2
WATER	19.8

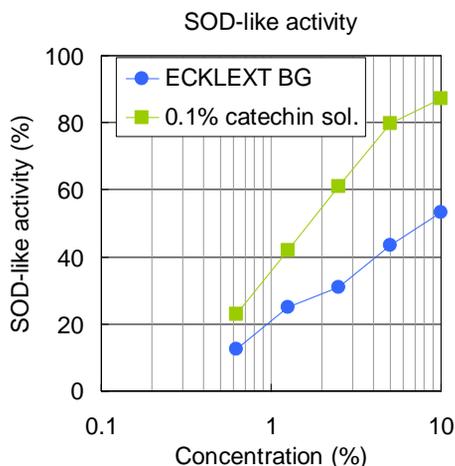
● Specification

Test Item	Specification
Appearance / Odor	Light yellow to brown liquid. Characteristic odor.
Identification (1)	A blue color develops.
Identification (2)	A spot turns purple to dark purple.
Heavy Metals	Max. 30ppm
Arsenic	Max. 10ppm
Nonvolatile Residue	0.8 - 1.2w/v%

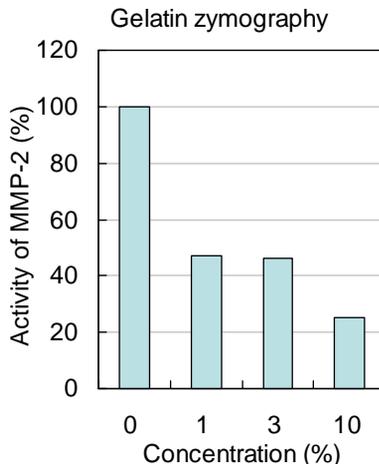
- Packaging : 1 kg

3 Experimental Data

1) Antioxidant activity



2) Inhibition of MMP-2 activity



3) Inhibition of degranulation

