

# CAMELLIA SEED EXTRACT BG

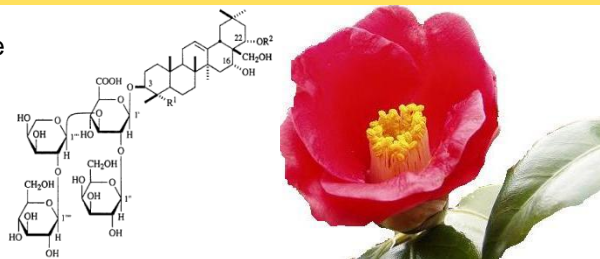
New anti-aging ingredient extracted from seeds of *Camellia japonica*.

- **CAMELLIA SEED EXTRACT BG** is a mixture of 1,3-Butylene glycol and the extract obtained by extracting with water from the seeds of *Camellia japonica*.
- The seed oil squeezed from *Camellia japonica* is used for various purposes in Japan. After squeeze of seed oil, the residual part of the seeds also has some useful constituents. Therefore, we prepare CAMELLIA SEED EXTRACT BG, an easy-to-use liquid type extract.



## 1 Characteristic

- **CAMELLIA SEED EXTRACT BG** has a SOD-like antioxidative activity, so anti-aging effect can be generated.
- **CAMELLIA SEED EXTRACT BG** is a new natural anti-aging ingredient extracted from seeds of *Camellia japonica* in Goto islands, Nagasaki, Japan.



## 2 Information / Composition / Specification

### ● COMPOSITION

INCI Name	CAS No.	Content
CAMELLIA JAPONICA SEED EXTRACT	223748-13-8	0.8 %
BUTYLENE GLYCOL	107-88-0	50.0 %
WATER	7732-18-5	49.2 %

### ● SPECIFICATION

Items	Specification
Appearance/Odor	Light yellow-brown to brown liquid. Faint characteristic odor.
Identification (1)	Persistent, fine bubbles are formed.
Identification (2)	The interface of two solutions is colored red-brown at first, which changes gradually to dark green.
Refractive Index	1.380 - 1.410
pH	5.0 - 8.0
Specific Gravity	1.010 - 1.040
Heavy metals Limit Test	Max. 20ppm
Arsenic Limit Test	Max. 2ppm
Nonvolatile residue	0.3 - 1.3 %
Residue on ignition	Max. 3.0 %

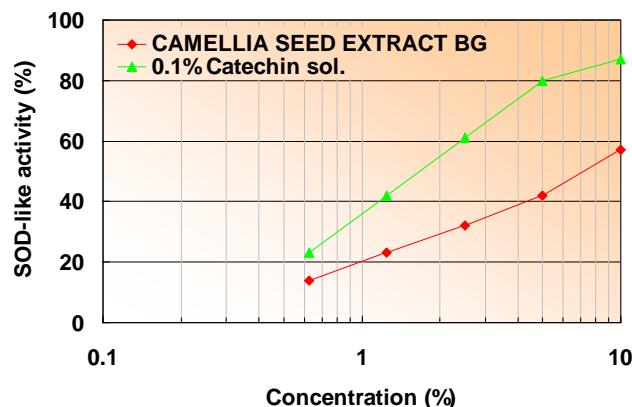
### ● SAFETY DATA

1. Acute oral toxicity
2. Ocular irritation
3. Skin sensitization
4. Human patch

### ● PACKAGING : 1kg, 10kg

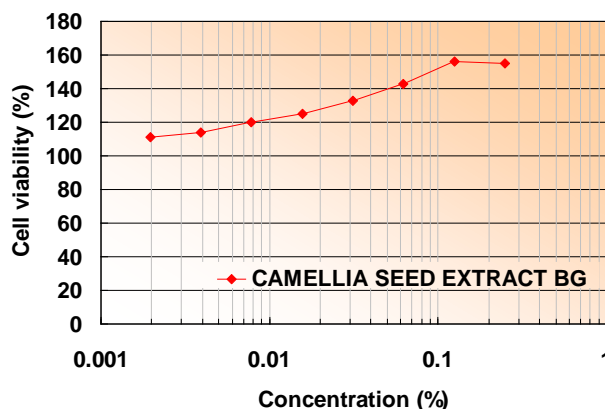
## 3 Experimental Data

### 1) SOD-like activity



CAMELLIA SEED EXTRACT BG showed a SOD-like antioxidative activity.

### 2) Estrogen like activity



CAMELLIA SEED EXTRACT BG showed a estrogen like activity.