

Technical Data Sheet

ZLEY® BRC-WS

Basic Information:

- INCI Breakdown:

Components	Percentage (%)	CAS No.
WATER	37.25	7732-18-5
PROPANEDIOL	25	504-63-2
HYDROXYPROPYL CYCLODEXTRIN	25	128446-35-5
4-BUTYLRESORCINOL	12.5	18979-61-8
SODIUM BISULFITE	0.25	7631-90-5

- Suggested dosage: 1.0-6.0%
- Recommended usage: Suitable for all kinds of dosage forms(cream, milk, essence...), it is recommended that the finished product use anti-light packaging material.

Product Description:

1. ZLEY® BRC-WS is a kind of cosmetic skin conditioners.
2. Supramolecular vesicles, easy to soluble in water, not easy to change color, high efficiency with lower usage, timed-release, and promote transdermal absorption.
3. It can effectively inhibit the activity of tyrosinase, block the formation of melanin, and accelerate the decomposition and excretion of melanin by directly combining with tyrosinase, thus reducing skin pigmentation, fading color spots and freckles, and does not have toxicity, stimulation, sensitization and other effects to melanocytes.
4. Scavenging DPPH free radicals and its Fe³⁺ reducing power was also strong.

Product Usage:

1. It is mainly used as skin conditioner in cosmetics and skin care products, suitable for whitening, and antioxidant products.

Technical Indicators:

Item	Technical standard
Appearance	Colorless to yellowish transparent liquid
Odor	Characteristic
pH (5% solution, 25℃)	3-6
Content of 4-Butylresorcinol	12.5%±1.0%
Heavy metal	≤10ppm
Aerobic bacterial count	≤500cfu/g
Molds and yeasts count	≤100cfu/g

Packaging and Storage:

Packaging: Aluminum foil bag(line with polyethylene plastic bag), 1 kg/bag.

Storage: Please store it in a cool and dry place and the shelf life is 2years.

Disposal:

Although this product has almost no pollution to the environment, it is best not to discard it together with domestic garbage. Please contact the local environmental protection department for dealing with the product and container and dispose according to the common chemical treatment method. Do not pour large quantities of products into the groundwater system.

Transport Conditions:

Check whether the packaging container is complete and sealed before shipment, and keep it away from power supply, fire source and other parts during transportation. This product does not belong to hazardous goods or mixtures and can be transported according as general cargo.