

Technical Data Sheet

ZLEY®PAE

Basic Information:

- INCI: Paeonol
- CAS: 552-41-0
- Main component: Paeonol
- Suggested usage amount: 0.01-1.0%
- Recommended usage: Add appropriate amount of propylene glycol, after heating slightly to dissolve, add it into system, it is not recommended to heat it for too long. Formulating process avoids metal ions (available 346 stainless steel axe), and the product is not suitable for metal material packaging, otherwise easy to discolor.

Product Description:

Paeonol, is a small molecule of phenolic compounds with antibacterial, anti-inflammatory, soothing, redness-relief and antioxidant properties. In cosmetics, it widely used in oral care and hair care, body care, and other daily chemical products. In traditional Chinese medical treatment, paeonol ointment and pills used in anti-inflammatory, antibacterial anti-itching treatment, such as skin eczema and pruritus.

Technical Indicators:

Inspection items	Technical index
Appearance	White or off-white crystalline powder
Identification	The chemical reaction was positive with maximum absorption at 314nm and 274nm, and minimum absorption at 295nm and 244nm
Melting point	48.0~53.0°C
Clarity and colour of solution	The solution is clear and colorless
Chloride	NMT 0.01%
Sulphate	NMT 0.03%
LOD	NMT 0.50%
ROI	NMT 0.10%
Heavy metals	NMT 10ppm
Related impurities	
Unidentified impurities	NMT 0.10%
Total	NMT 0.20%
Contents	98.0~102.0%

Product Usage:

- Skin care and body care products.
- Toiletries, shampoo, and body wash.
- Oral products, toothpaste, and mouthwash.
- Bacteriostatic agent, used as a preservative.

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 2 years.

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, 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.