

Technical Data Sheet

ZLEY® BIO CARE-PHA

Basic Information:

- INCI: P-hydroxyacetophenone
- CAS No.: 99-93-4
- Main component: 4'-Hydroxyacetophenone
- Suggested usage amount: 0.05-1.25%
- Recommended usage way: Soluble in hot water, methanol, ethanol, acetaldehyde, acetone, benzene. Insoluble in oil phase.

Product Description:

- A free of preservatives and a multifunctional additives for cosmetic formulations, act as a preservative booster, anti-irritant and anti-oxidant.
- It is effective for fungi and needs to be used in combination with traditional preservatives, which can reduce or even avoid the dosage of traditional preservatives.

Technical Indicators:

Inspection Items	Technical Index
Appearance	White to off white crystalline powder
Melting Point	109.0~113.0℃
Chloride	NMT0.05%
LOD	NMT 0.50%
ROI	NMT 0.10%
Heavy Metals	NMT 10ppm
Unidentified Impurities	NMT 0.10%
Total Impurities	NMT 0.50%
Phenol	NMT 10ppm
Purity (HPLC)	NLT 99.0%

Product Usage:

It is ideal for use in a wide range of personal care and cosmetic applications including creams, lotions, facial masks, sunscreens, wipes, etc.

Packaging and Storage:

- Packaging: Aluminum film bag (lined 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.