

Technical Data Sheet

ZLEY®BIOCARE - CPH

Basic Information:

- INCI: Chlorphenesin
- CAS: 104-29-0
- Main component: 3-(4-chlorophenoxy)-1, 2-propanediol
- Suggested usage amount: 0.1-0.3%
- Recommended usage way: First, disperse with some of the polyols, then added into to 65°C water to dissolve.

Product Description:

Chlorphenesin is a preservative that is widely used in cosmetics and is compatible with most preservatives including potassium sorbate, sodium benzoate, methyl isothiazolinone, etc.

Technical Indicators:

Inspection items	Technical index
Appearance	White or off-white crystalline powder
Identification	Identification the solution shows two absorption max, at 228nm and 280nm
Clarity and colour of solution	When freshly prepared, it is clear and colourless
Chloride	NMT 0.05%
Melting point	78.0~82.0°C
LOD	NMT 0.50%
ROI	NMT 0.10%
Heavy metals	NMT 10ppm
Residual Solvents (Methanol)	NMT 0.05%
Related impurities	
Unspecified impurities	NMT 0.10%
Total Impurities	NMT 0.50%
P-Chlorophenol	NMT 10ppm
Arsenic	NMT 3ppm
Purity (HPLC)	NLT 99.0%

Product Usage:

It is mainly used as preservatives in cosmetics and skin care products and more effective for fungi, with the preservative effect enhanced when in combination with other preservatives

Packaging and Storage:

- Packaging: aluminum film bag (lined with polyethylene plastic bag); 1kg/bag.
- Storage: Please store it in a cool and dry place and the shelf life is 3 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.