

Formulators County

CERTIFICATE OF ANALYSIS

Product Information

Item	Description
Product Name	Euxyl PE 9010
INCI Name	Phenoxyethanol, Ethylhexylglycerin
Grade	Cosmetic grade
Manufacturing Date	June 2026
Production Date	May 2029
Batch No.	EY220987

Technical Specifications

Item	Specification
Appearance	Colorless or light yellow liquid
Content, %	≥99
Density (20℃ , g/ml)	1.05~1.15
Heavy metals (as Pb), ppm	≤10
Heavy metals (as As), ppm	≤2

Antibacterial Performance

Bacteria Name	MIC (ppm)
Escherichia coli	4500

Bacteria Name	MIC (ppm)
Pseudomonas aeruginosa	2500
Staphylococcus aureus	5000
Aspergillus niger	2500
Candida albicans	3500

Usage Limitations

National/ Regulations	Restricted Substance	Maximum Allowable Concentration in Cosmetics	Scope and Conditions of Use	Required Labeling Conditions and Precautions
China "Safety Technical Standards for Cosmetics" 2015	PE9010	1.1%	-	-
EU (EC) NO 1223/2009	PE9010	1.1%	-	-

Applications

Broad-spectrum antibacterial activity, effectively inhibiting Gram-negative, Gram-positive bacteria, and molds.

Can be dissolved in alcohols such as propylene glycol before adding to aqueous products.

This product has the same skin compatibility as phenoxyethanol, high safety, and is formaldehyde-free. It can be used in a wide pH range (3~9). Globally registered and recognized, suitable for creams, lotions, masks, makeup, shampoos, and other formulations, with good compatibility with other components in the formulation, providing reliable preservation for the formulation.

Packaging and Storage

25kg/barrel

Store in a dark, cool, dry place, tightly sealed.

Shelf life: 24 months.

