

Technical Data Sheet

BeriCos® W-37

INCI Name: Phenylethyl Resorcinol

CAS : 85-27-8

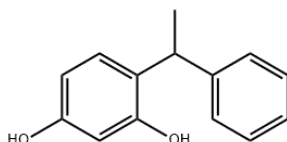
Molecular Formula: C₁₄H₁₄O₂

Molecular Weight : 214.26

EINECS: 480-070-0

Solubility: Oil Soluble

Molecular Structure:



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Standard

Appearance:

White to off-white powder

Purity:

≥ 99%

Product Introduction:

The unique structure of phenylethyl resorcinol determines its outstanding whitening and freckle removing treatment performance. It can effectively inhibit melanin synthesis by acting on multiple targets of melanin synthesis pathway, so as to achieve whitening and brightening effect.

Action Mechanism

- The structure of Phenylethyl Resorcinol is similar to that of hydroquinone, which can retain the activity of bisphenol; At the same time, phenylethyl

may increase a whitening and freckle removing effect with competitive inhibition of tyrosinase and multiple mechanisms.

- Strong antioxidant activity is conducive to the disappearance of melanin (melanin formation is an oxidation process), and the antioxidant activity of phenylethyl resorcinol is about 40% higher than VE and BHT at the same concentration.
- The structure and low molecular weight of phenylethyl resorcinol (easily soluble in polar oil system) make it easier to penetrate into the cuticle for skin whitening and freckle removal.
- Phenylethyl resorcinol has outstanding anti free radical and antioxidant capacity, and its antioxidant activity is far better than VE, BHA, BHT, etc. It can effectively remove harmful free radicals from skin, and fight against aging and wrinkles caused by free radicals.

Product Application: Water, essence, cream, facial mask, etc

Recommended Dosage: 0.1-0.5%

Storage Conditions: Store at cool, dry place with tighten container; avoid light.

Shelf Life: Three years

BERI PHARMA CO., LTD

www.zhberi.com Tel: 86-756-8699456 Email: sales@zhberi.com

Add: No 2, Nanhua Fourth Road, Nanshui Town, Zhuhai, Guangdong, China