

Idebenone

INCI Name: Hydroxydecyl Ubiquinone

CAS Numbers: 58186-27-9



Description:

Hydroxydecyl Ubiquinone or Idebenone is an antioxidant that protects cells from environmental damage, improves the appearance of fine lines, reduces dryness, and smooths skin texture. It works by protecting skin from harmful free radicals, which create wrinkles and fine lines.

Technical Data:

Index Name	Specifications
Appearance	yellow-range crystal powder.
Solubility:	Insoluble in water, very soluble in methanol, alcohol and chloroform.
E1%	458--486
Melting Range:	52.0--55.0 °C
Loss on drying:	0.1%max
Residue on Ignition:	0.1% max
Heavy metals:	10ppm max
Impurities(HPLC):	0.8% max
Hexane	0.029%max
Methanol	0.3% max
Toluene	0.089% max
Assay(HPLC):	98.5% min on the anhydrous basis)

Applications:

Used as an anti-aging antioxidant in skin care creams and lotions.



McKinley Resources, Inc.

P.O. Box 810472 • Dallas, TX 75381

Phone: 972-620-9730 • Fax: 972-421-1860

info@mckinleyresources.com • www.mckinleyresources.com