

PRODUCT DATA SHEET

Trade Name: ActiBiso™ Bakuchiol

English Name: Bakuchiol

CAS: 10309-37-2

Description

Bakuchiol is derived from a plant called psoralea corylifolia. Psoralea corylifolia has excellent antioxidant and anti-inflammatory effects. It can promote collagen production, reduce wrinkles and reduce skin damage caused by U V rays. It is generally believed that it can be used as a substitute for retinol, because it can achieve similar retinol to promote skin metabolism, repair and activation to make the skin smooth, and can also fight the generation of dark spots, but has better skin tolerance. Bakuchiol is an alternative to retinol that does not contain any of the tingling, irritation and redness associated with conventional retinol.

Quality Parameters

Appearance:	Light brown to honey color viscous liquid
Identification by TLC:	To match with the reference Standard
Moisture by KF %:	1.0 max
Solubility:	Soluble in Alcohol and DMSO
Assay By HPLC %:	NLT 99. 0 w/w on dry basis
Content of Psoralen (ppm):	200 max
Content of Angelicin (ppm):	200 max
Heavy Metals (ppm):	10.0 max
Lead(Pb) (ppm):	3.0 max
Arsenic(As) (ppm):	1.0 max
Cadmium(Cd) (ppm):	1.0 max
Mercury(Hg) (ppm):	0.1 max
Residual solvents:	Should comply as USP



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Residual Pesticides:	To comply as per USP for botanicals
Total plate count (cfu/g):	1000 max
Yeast and mold (cfu/g):	100 max
Escherichia coli:	Negative
Salmonella:	Negative
Staphylococcus aureus:	Negative
Pseudomonas:	Negative

Storing

Store in a dry and cool place, sealed and valid for 2 years.

Package

1kg/ bottle, 25kg/ cardboard bucket.