


UNiGEN	SPECIFICATION	Doc. #: Spec-049 Rev. #: 005	Effective Date: 06/18/2012
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PRODUCT SPECIFICATION

PRODUCT NAME: Bakutrol
PRODUCT CODE: UP256
ORIGIN: Proprietary extract of *Psoralea corylifolia* seeds

ATTRIBUTE	METHOD	SPECIFICATION
Color and Appearance	STP-001 or equivalent	Brownish red viscous liquid
Odor	STP-001 or equivalent	Mild, characteristic
Loss on Drying	STP-002, CHP 2010 or equivalent	NMT 5%
Identification Assay: Bakuchiol Content; Total of Psoralen & Angelicin	STP-066 or equivalent STP-037 or equivalent	Match NLT 60% NMT 100 ppm
Pesticides	STP-030 (USP <561>), CHP or equivalent	Complies with set limits
Total Heavy Metals	ICP-MS, Chinese Cosmetic Hygiene Regulation 07, or equivalent As Pb Hg	NMT 10 ppm NMT 2 ppm NMT 5 ppm NMT 1 ppm
Organic Solvent Residues	STP-012 Chinese Testing method for organic solvent in cosmetics (draft), or equivalent	Complies with USP <467> limit
Total Aerobic Plate Count	USP/AOAC Chinese Cosmetic Hygiene Regulation 2007 or equivalent	< 500 cfu/g
Total Coliforms	USP/AOAC Chinese Cosmetic Hygiene Regulation 2007 or equivalent	Not detected
Mold & Yeast	USP/AOAC Chinese Cosmetic Hygiene Regulation 2007 or equivalent	< 100 cfu/g

Approved by 
QC/QA

Date 06/06/12

Approved by 
MFG

Date 06/06/12

Approved by 
R & D

Date 6/6/2012