Lotioncrafter

48 Hope Ln

Eastsound, WA 98245

Tel: 360-376-8008

SPECIFICATION SHEET

Bakuchiol, 99%

Description Light Golden Yellow Color viscous liquid with characteristic odor Identification by TLC Moisture by KF Solubility Peroxide Value Chemical % Assay by HPLC Content of Bakuchiol % Assay Content of Psoralen Content of Angelicin Residual Solvents Residual Pesticides Heavy Metals Lead 4 ≤ 2.0 ppm Arsenic Sadmium Mercury Mercury Microbiological Total plate count Yeast and molds count Staphylococcus aureus Pseudomonas aeruginosa Light Golden Yellow Color viscous liquid with characteristic odor To match with the reference Standard pattern Soluble in Alcohol and DMSO To match with the reference Standard pattern To match with the reference Standard pattern To match with the reference Standard pattern Soluble in Alcohol and DMSO To match with the reference Standard pattern Soluble in Alcohol and DMSO To match with the reference Standard pattern Soluble in Alcohol and DMSO To match with the reference Standard pattern Soluble in Alcohol and DMSO To match with the reference Standard pattern Soluble in Alcohol and DMSO To match with the reference Standard pattern Soluble in Alcohol and DMSO To an under solution Solution Alcohol and DMSO To an under solution Solution Alcohol and DMSO To an under soluti	Physical	
characteristic odor Identification by TLC To match with the reference Standard pattern Moisture by KF Solubility Soluble in Alcohol and DMSO Peroxide Value Chemical % Assay by HPLC Content of Bakuchiol % Assay Content of Psoralen Content of Angelicin Residual Solvents Residual Pesticides Heavy Metals Lead ≤ 2.0 ppm Arsenic Cadmium Mercury Mercury Microbiological Total plate count Yeast and molds count Staphylococcus aureus Absent/10g Staphylococcus aureus Psoluble in Altchol with the reference Standard pattern To match with the reference Standard pattern To match with the reference Standard pattern To match with the reference Standard pattern To M/w Soluble in Alcohol and DMSO Soluble in Alcohol a	Items	Specification
Identification by TLC To match with the reference Standard pattern Moisture by KF ≤ 1.0% w/w Solubility Soluble in Alcohol and DMSO Peroxide Value < 0.2 mEq/kg	Description	Light Golden Yellow Color viscous liquid with
Moisture by KF ≤ 1.0% w/w Solubility Soluble in Alcohol and DMSO Peroxide Value < 0.2 mEq/kg		characteristic odor
Solubility Soluble in Alcohol and DMSO Peroxide Value < 0.2 mEq/kg	Identification by TLC	To match with the reference Standard pattern
Peroxide Value Chemical % Assay by HPLC Content of Bakuchiol % Assay Content of Psoralen Content of Angelicin Residual Solvents Residual Pesticides Heavy Metals Lead Arsenic Cadmium Serious Mercury Microbiological Total plate count Yeast and molds count Escherichia coli Salmonella Staphylococcus aureus Pseudomonas aeruginosa < 2.0 mEq/kg	Moisture by KF	≤ 1.0% w/w
Chemical % Assay by HPLC Content of Bakuchiol	Solubility	Soluble in Alcohol and DMSO
% Assay by HPLC Content of Bakuchiol ≥ 99.0% w/w on dry basis % Assay Content of Psoralen Content of Angelicin Residual Solvents Residual Pesticides To comply as per ICH/USP Residual Pesticides Heavy Metals Lead ≤ 2.0 ppm Arsenic ≤ 2.0 ppm Cadmium ≤ 1.0 ppm Mercury Microbiological Total plate count Yeast and molds count ≤ 100 cfu/g Escherichia coli Salmonella Staphylococcus aureus Pseudomonas aeruginosa Absent/10g Pseudomonas aeruginosa Absent/10g Pseudomonas aeruginosa	Peroxide Value	< 0.2 mEq/kg
Content of Bakuchiol ≥ 99.0% w/w on dry basis % Assay ≤ 10.0 ppm Content of Psoralen ≤ 10.0 ppm Content of Angelicin Should comply as per ICH/USP Residual Solvents To comply as per USP for botanicals Heavy Metals 4 Lead ≤ 2.0 ppm Arsenic ≤ 2.0 ppm Cadmium ≤ 1.0 ppm Mercury ≤ 1.0 ppm Microbiological 5 Total plate count ≤ 1000 cfu/g Yeast and molds count ≤ 100 cfu/g Escherichia coli Absent/10g Salmonella Absent/10g Pseudomonas aeruginosa Absent/10g	Chemical	
Content of Psoralen Content of Angelicin Residual Solvents Residual Pesticides Residual Comply as per ICH/USP Residual Pesticides Residual Pesti	% Assay by HPLC	
Content of Psoralen Content of Angelicin Residual Solvents Residual Pesticides To comply as per ICH/USP Residual Pesticides Heavy Metals Lead ≤ 2.0 ppm Arsenic Cadmium ≤ 1.0 ppm Mercury ✓ 1.0 ppm Microbiological Total plate count Yeast and molds count Escherichia coli Salmonella Staphylococcus aureus Pseudomonas aeruginosa ≤ 10.0 ppm Absent/10g Should comply as per ICH/USP To comply as per USP for botanicals 100 ppm 4 2.0 ppm ≤ 1.0 ppm ≤ 1.0 ppm ≤ 1.0 ppm Absent/10g Absent/10g	Content of Bakuchiol	≥ 99.0% w/w on dry basis
Content of Angelicin Residual Solvents Should comply as per ICH/USP Residual Pesticides To comply as per USP for botanicals Heavy Metals Lead ≤ 2.0 ppm Arsenic ≤ 2.0 ppm Cadmium ≤ 1.0 ppm Mercury Microbiological Total plate count Yeast and molds count Escherichia coli Salmonella Staphylococcus aureus Pseudomonas aeruginosa Should comply as per ICH/USP To comply as per USP for botanicals 100 ppm 4 2.0 ppm 5 1.0 ppm 6 1.0 ppm 6 1.00 cfu/g 7 2 100 cfu/g 8 3 100 cfu/g 8 4 100 cfu/g 8 4 100 cfu/g 8 4 100 cfu/g 8 4 100 cfu/g 8 5 100 cfu/g 8 4 100 cfu/g 8 5 100 cfu/g 8 5 100 cfu/g 8 4 100 cfu/g 8 4 100 cfu/g 8 5 100 cfu/g 8 5 100 cfu/g 8 4 100 cfu/g 8 5 100 cfu/g 8 4 100 cfu/g 8 5 100 cfu/g 8 5 100 cfu/g 8 5 100 cfu/g 8 5 100 cfu/g 8 6 100 cfu/g 8 6 100 cfu/g 8 7 100 cfu/g 8 8 100 cfu/g	% Assay	
Residual Solvents Residual Pesticides To comply as per USP for botanicals Heavy Metals Lead	Content of Psoralen	≤ 10.0 ppm
Residual Pesticides Heavy Metals Lead Arsenic Cadmium Mercury Microbiological Total plate count Yeast and molds count Escherichia coli Salmonella Staphylococcus aureus To comply as per USP for botanicals To comply as per USP for botanicals 100 ppm 4 2.0 ppm 4 1.0 ppm 4 1.0 ppm 4 1.0 ppm 4 1.0 ppm 5 1.0 ppm 6 100 cfu/g 7 2 100 cfu/g 8 2 100 cfu/g 8 3 2 3 4 5 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Content of Angelicin	
Heavy Metals Lead ≤ 2.0 ppm Arsenic ≤ 2.0 ppm Cadmium ≤ 1.0 ppm Mercury ≤ 1.0 ppm Microbiological Total plate count ≤ 1000 cfu/g Yeast and molds count ≤ 100 cfu/g Escherichia coli Absent/10g Salmonella Absent/10g Staphylococcus aureus Absent/10g Pseudomonas aeruginosa Absent/10g	Residual Solvents	Should comply as per ICH/USP
Lead ≤ 2.0 ppm Arsenic ≤ 2.0 ppm Cadmium ≤ 1.0 ppm Mercury ≤ 1.0 ppm Microbiological Total plate count ≤ 1000 cfu/g Yeast and molds count ≤ 100 cfu/g Escherichia coli Absent/10g Salmonella Absent/10g Staphylococcus aureus Absent/10g Pseudomonas aeruginosa Absent/10g	Residual Pesticides	To comply as per USP for botanicals
Arsenic ≤ 2.0 ppm Cadmium ≤ 1.0 ppm Mercury ≤ 1.0 ppm Microbiological Total plate count ≤ 1000 cfu/g Yeast and molds count ≤ 100 cfu/g Escherichia coli Absent/10g Salmonella Absent/10g Staphylococcus aureus Absent/10g Pseudomonas aeruginosa Absent/10g	Heavy Metals	
Cadmium ≤ 1.0 ppm Mercury ≤ 1.0 ppm Microbiological 5 1000 cfu/g Total plate count ≤ 1000 cfu/g Yeast and molds count ≤ 100 cfu/g Escherichia coli Absent/10g Salmonella Absent/10g Staphylococcus aureus Absent/10g Pseudomonas aeruginosa Absent/10g	Lead	≤ 2.0 ppm
Mercury ≤ 1.0 ppm Microbiological ≤ 1000 cfu/g Total plate count ≤ 100 cfu/g Yeast and molds count ≤ 100 cfu/g Escherichia coli Absent/10g Salmonella Absent/10g Staphylococcus aureus Absent/10g Pseudomonas aeruginosa Absent/10g	Arsenic	
Microbiological Total plate count Yeast and molds count Escherichia coli Salmonella Staphylococcus aureus Pseudomonas aeruginosa Absent/10g Absent/10g Absent/10g	Cadmium	≤ 1.0 ppm
Total plate count ≤ 1000 cfu/g Yeast and molds count ≤ 100 cfu/g Escherichia coli Absent/10g Salmonella Absent/10g Staphylococcus aureus Absent/10g Pseudomonas aeruginosa Absent/10g	Mercury	≤ 1.0 ppm
Yeast and molds count ≤ 100 cfu/g Escherichia coli Absent/10g Salmonella Absent/10g Staphylococcus aureus Absent/10g Pseudomonas aeruginosa Absent/10g	Microbiological	
Escherichia coli Absent/10g Salmonella Absent/10g Staphylococcus aureus Absent/10g Pseudomonas aeruginosa Absent/10g	Total plate count	≤ 1000 cfu/g
Salmonella Absent/10g Staphylococcus aureus Absent/10g Pseudomonas aeruginosa Absent/10g	Yeast and molds count	≤ 100 cfu/g
Staphylococcus aureus Absent/10g Pseudomonas aeruginosa Absent/10g	Escherichia coli	Absent/10g
Pseudomonas aeruginosa Absent/10g	Salmonella	Absent/10g
	Staphylococcus aureus	Absent/10g
Total coliforms Absent/10g	Pseudomonas aeruginosa	Absent/10g
	Total coliforms	Absent/10g

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Tel: 360-376-8008

Storage: Store at room temperature

Shelf-Life: 5 years from the date of manufacture

Country of Origin: India

Allergen Statement: Free from Allergen

GMO Status: GMO free

Sanitizing treatment: Non-irradiated and not treated with ETO