



Certificate of Analysis

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|----------------------|----------------------------|----------------------------|------------|
| Product Name: | Bakuchiol | Batch No.: | 23112401 |
| Item No.: | URM-0001 | Cas No.: | 10309-37-2 |
| Source: | Psoralea corylifolia Linn. | Manufacturing Date: | 2023.11.24 |
| Report Date: | 2023.11.24 | Expiration Date: | 2025.11.23 |

| Testing Item | Standard | Test Result | Method |
|---|-------------------------------|-----------------------------|---------------------|
| Appearance | Light yellow viscous liquid | Light yellow viscous liquid | Visual |
| Identification | NMR data should be consistent | Positive | NMR |
| Moisture by KF | ≤1.0% | Complies | USP<921> |
| Purity(Bakuchiol) | ≥99.0% | 99.8% | HPLC-% surface area |
| Related Substances | | | |
| Psoralen | ≤50ppm | < 10ppm | HPLC |
| Isopsoralen | ≤50ppm | < 10ppm | HPLC |
| Heavy Metals | | | |
| Total heavy metals | ≤10.0ppm | Complies | ICP-MS |
| Pb | ≤2.0ppm | Complies | ICP-MS |
| As | ≤1.0ppm | Complies | ICP-MS |
| Cd | ≤1.0ppm | Complies | ICP-MS |
| Hg | ≤0.1ppm | Complies | ICP-MS |
| Residual Solvents | | | |
| Ethanol | ≤5,000ppm | 146.0ppm | USP <467> |
| n-Heptane | ≤5,000ppm | 87.0ppm | USP <467> |
| Microbiological Test | | | |
| Total Plate Count | ≤100cfu/g | < 10cfu/g | AOAC |
| Yeast an Mold | ≤10cfu/g | < 10cfu/g | AOAC |
| E.Coli | Absent/g | Absent | AOAC |
| P.Aeruginosa | Absent/g | Absent | AOAC |
| Staphylococcus | Absent/g | Absent | AOAC |
| C.albicans | Absent/g | Absent | AOAC |
| Storage: In tight fully filled with Nitrogen container in a cool,dark and dry place protected from direct source of heat and sunlight. Please refrigerate after opening. | | | |
| Shelf Life: 24 months under the above condition, and in its original package. | | | |
| Packing: 1kg/aluminum bottle | | | |
| Conclusion: The above results meet the requirements. | | | |

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Quality Control Dept.