

| PRODUCT SPECIFICATION | | | |
|--|--|--------------------|----------|
| INCI/Botanical Name | CHRYSOPOGON ZIZANIOIDES | Date of Expiry | 02 Years |
| Product Name | Vetiver Oil | Extraction Solvent | --- |
| Report No | CZ/ON/122023/23 | Extraction Ratio | --- |
| Parts of Plant | Root | Origin | India |
| Cas No | 8016-96-4 | HSN Code | 32019090 |
| TEST | | SPECIFICATION | METHOD |
| A. Physical Parameters: | | | |
| Appearance | Amber brown to reddish brown colored. Slightly viscous liquid | Organoleptic | |
| Color | Brown to reddish brown colored | Visual | |
| Odour | Aromatic harsh woody | Organoleptic | |
| Flash Point | 110.0-135.0 | USP | |
| Refractive Index @ 25 ⁰ C | 1.517-1.530 | USP | |
| Specific Gravity @ 25 ⁰ C | 0.985-1.015 | USP | |
| Kushimol | 7.0-15.0% | USP | |
| Beta- Vetivene | 2.0-8.0% | USP | |
| Solubility | Soluble in alcohol & fixed oils, insoluble in water | USP | |
| B. Heavy Metals: | | | |
| Lead | NMT 10.0 ppm | USP 231 | |
| Arsenic | NMT 2.0 ppm | USP 231 | |
| Mercury | NMT 1.0 ppm | USP 231 | |
| C. Microbiology Test: | | | |
| Aerobic Bacterial Count | NMT 100 cfu/g | USP | |
| Yeast & Mould | NMT 10 cfu/g | USP | |
| Escherichia Coli | Absent | USP | |
| Pseudomonas Aeruginosa | Absent | USP | |
| Staphylococcus Aureus | Absent | USP | |
| D. Other: | | | |
| Standard Packing: 25 Kg in single HDPE Container. | | | |
| The material is free from Allergens / GMO/ BSE - TSE. | | | |
| The material is not tested on animals. | | | |
| The material is non-irradiated & not treated with ETO. | | | |
| The above material complies with in-house specifications. | | | |
| Store in a cool and dry place away from sunlight and heat. The preferred storage is below 30 ° C. | | | |
| The Product Is of Herbal Origin. There May Be Minor Color Difference Due to Geographical and Seasonal Variation of the Plant Material. | | | |

Note: This Is Computer Generated Specification & Does Not Require A Physical Signature.

