



CERTIFICATE OF ANALYSIS

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|---------------|------------------------------------|------------------|---------------|
| Product name: | Songaria Cynomorium Extract | Plant Source | Root |
| Latin name | <i>Cynomorium songaricum Rupr.</i> | Manu. Date: | March.11,2019 |
| Batch Number: | U-F-SYT190312 | Expiration Date: | March.10,2021 |
| Batch Size | 5000KG | Report Date | March.16,2019 |

| Item of Analysis | Specification | Results | Test Methods |
|---------------------------------|-------------------|----------|-------------------|
| Ratio | 10:1 | Complies | TLC |
| Organoleptic | | | |
| Appearance | Powder | Conforms | Organoleptic |
| Color | Brown yellow | Conforms | Organoleptic |
| Odor | Characteristic | Conforms | CP2015 |
| Taste | Characteristic | Conforms | CP2015 |
| Physical Characteristics | | | |
| Particle Size | 100% pass 80 mesh | Conforms | CP2010 |
| Loss on drying | 5%NMT (%) | 3.32% | USP<731> |
| Total ash | 5%NMT (%) | 2.63% | USP<561> |
| Bulk Density | 40-50g/100mL | Conform | CP2010IA |
| Residue of Solvents | None | Conform | NLS-QCS-1007 |
| Heavy metals | | | |
| Total Heavy Metals | 10ppm Max | Conform | USP<231>method II |
| Lead (Pb) | 2ppm NMT | Conform | ICP-MS |
| Arsenic (As) | 2ppm NMT | Conform | ICP-MS |
| Cadmium (Cd) | 2ppm NMT | Conform | ICP-MS |
| Mercury (Hg) | 1ppm NMT | Conform | ICP-MS |
| Microbiological Tests | | | |
| Total Plate Count | 1000cfu/g Max | Conform | USP<61> |
| Yeast & Mold | 100cfu/g Max | Conform | USP<61> |
| E. Coli. | Negative | Conform | USP<61> |
| Salmonella | Negative | Conform | USP<61> |
| Staphylococcus | Negative | Conform | USP<61> |

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging

