

## SPECIFICATION

|                                                  |
|--------------------------------------------------|
| <b>Product Name:</b> Lemon N Lime Flavour Powder |
| <b>Chemical Formula:</b> N/A                     |
| <b>CAS Number:</b> N/A                           |
| <b>Molecular Weight:</b> N/A                     |
| <b>Appearance:</b> White to off white powder     |
| <b>Odor:</b> Odor                                |

## Chemical Composition

| Parameter     | Unit | Typical Value    | Specification (Min./Max.)  |
|---------------|------|------------------|----------------------------|
| Aroma         | -    | Matches Standard | Characteristic             |
| Taste         | -    | Matches Standard | Characteristic             |
| L.O.D         | %    | 4.2600           | $\leq 8.0000$ % w/w        |
| V.O.C         | %    | 12               | 12.0000 - 14.0000 % v/w    |
| Particle size | -    | Matches Standard | Passes through BSS 44 Mesh |

### Physical Properties

- Solubility: Freely soluble in water. Soluble in ethanol. Soluble in propylene glycol. Soluble in vegetable oils.

### Shelf Life & Storage

- Shelf Life: 2 years from date of manufacture under recommended storage.  
- Storage Conditions: Store in a tightly closed container in a cool, dry, and well-ventilated place, protected from moisture, heat, direct sunlight, and contamination.

### Applications

- Use: Widely used in food, beverage, pharmaceutical, and nutraceutical formulations to provide a pleasant orange taste and aroma while improving consumer acceptability.  
- Dosage: Depends on Desired flavour intensity, Product formulation, Processing conditions, Carrier composition, Regulatory requirements.

**Packaging**

- Standard Packing: 25 Kgs HDPE Drum and 1 Kgs or as per customer requirement.
- Labeling: Product name, batch number, net weight, manufacture date, expiry date, and manufacturer details.
- \* Specifications are based on the manufacturer's provided specifications.

