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## Quality Assurance Standard Specifications Sheet

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|-------------------------|-----------------------------------------------------------------------|
| Product Name:           | Natural Farnesene                                                     |
| Product Code:           | NA3839                                                                |
| Contents:               | Natural Flavor                                                        |
| Legal Status:           | FEMA GRAS# 3839                                                       |
|                         | FL No. 1.04                                                           |
|                         | Flavouring Preparation EC 1334/2008 Article 3(2)(d)(i)                |
|                         | Natural flavor (US 21 CFR 101.22)                                     |
|                         | CAS: 502-61-4                                                         |
|                         | Hno: 2901.29.5000                                                     |
| Storage Conditions:     | Cool dark area, <0°C (32°F). Purge with Nitrogen after each opening.  |
| Shelf Life:             | 12 months                                                             |
| Appearance:             | Clear to Slightly Hazy                                                |
|                         | Liquid                                                                |
| Color:                  | Light Straw Color to Light Yellow                                     |
| Flavor/Odor:            | Green, Herbal, Lifting, Pine and Gin Notes / Citrus, Pine, Herbaceous |
| Specific Gravity, 20°C: | 0.8267 - 0.8667                                                       |
| Refractive Index, 20°C: | 1.49 - 1.505                                                          |
| GC Purity:              | >70% sum of isomers                                                   |
| Acid Value:             |                                                                       |
| Flash Point °C (°F):    | 115 (239)                                                             |
| Boiling Point °C (°F):  | 299 (570.2)                                                           |
| Flavor Use:             | Chewing Gum, Hard Candy, Seasoning, Flavors, Confection, Frosting     |
| Use Level:              | 1 ppm as consumed                                                     |
| Solubility:             | Alcohol, Oil, PG                                                      |