



## Typical Analysis

**Product Name:** Lemon Oil Argentina Natural  
**CAS Number:** 8008-56-8

|           | <u>Analysis</u>               | <u>Specifications</u>               | <u>Results</u> |
|-----------|-------------------------------|-------------------------------------|----------------|
| <i>a.</i> | Appearance                    | Pale to deep yellow or green yellow | Conforms       |
| <i>b.</i> | Aroma/Flavor                  | Characteristic of fresh lemon peel  | Conforms       |
| <i>c.</i> | Refractive Index @20° C       | 1.473 - 1.476                       | 1.474          |
| <i>d.</i> | Specific Gravity @ 20° C      | 0.849 - 0.855                       | Conforms       |
| <i>e.</i> | Assay,% (aldehydes as citral) | 2.2%-3.8%                           | 2.80           |
| <i>f.</i> | Optical Rotation,°            | +57 to +65.6                        | +64.3          |
| <i>g.</i> | Identification (IR)           | Profile to meet standard            | Conforms       |
| <i>h.</i> | GC Analysis                   | Profile to meet standard            | Conforms       |

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