Chem-Impex International, Inc.

Tel: (630) 766-2112 E-mail: sales@chemimpex.com Shipping and Correspondence: 935 Dillon Drive Wood Dale, IL 60191 Fax: (630) 766-2218 Web site: www.chemimpex.com Manufacturing site: 825 Dillon Drive Wood Dale, IL 60191

Certificate of Analysis

| Catalogue Number | 34165 |
|-------------------------|---|
| Lot Number | 003155-659566 |
| Product | Ethyl cinnamate |
| | Cinnamic acid ethyl ester |
| CAS Number | 103-36-6 |
| Molecular Formula | $C_{11}H_{12}O_2$ |
| Molecular Weight | 176.22 |
| Appearance | Colorless liquid |
| Odor | Sweet Cinnamon odor |
| Specific Gravity | 1.0463 at 25 °C |
| Refractive Index | n20/D 1.5597 |
| Acid value | 0.1 mg kOH/g |
| Purity by GC | 99.2% |
| Grade | FG, KOSHER, FEMA 2430 |
| Storage | Store at RT |
| Remarks | See material safety data sheet for additional information |
| | For laboratory use only |
| | |

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

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Bala Kumar Quality Control Manager