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 Product | 17908 4-(2-Oxo-ethyl)piperidine-1-carboxylic acid benzyl ester |
|-----------------------------|--|
| Lot Number | 001316-181-151 |
| | 1-Z-4-(2-oxo-ethyl)piperidine |
| | Benzyl 4-(2-oxoethyl)piperidine-1-carboxylate |
| CAS Number | 130312-10-6 |
| Molecular Formula | C ₁₅ H ₁₉ NO ₃ |
| Molecular Weight | 261.32 |
| Appearance | White solid |
| ¹ H NMR | Conforms to structure |
| Assay | 96.9% |
| Storage | Store at 0-8 °C |
| 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