Chem-Impex International, Inc.

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Certificate of Analysis

| Catalogue Number | 22678 |
|--------------------------|--|
| Product | (<i>R</i> , <i>S</i>)-1-amino-2-phenylethyl-phosphonic acid diphenyl ester hydrochloride |
| Lot Number | 000630-22522 |
| | (R,S)-PheP(OPh)2•HCl |
| Molecular Formula | $C_{20}H_{20}NO_3P\bullet HCl$ |
| Molecular Weight | 389.82 |
| Appearance | White powder |
| Melting Point | 165 - 169 °C |
| Analysis by Mass Spectra | $[M+H]^+ = 353.8$ |
| Purity by HPLC | 99.5% |
| 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

etemer.

Bala Kumar Quality Control Manager