

Chem-Impex International, Inc.

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Certificate of Analysis

| | |
|--------------------------|--|
| Catalogue Number | 03031 |
| Lot Number | 000424-141020-13079 |
| Product | <i>N</i>^α-Benzoyl-L-arginine ethyl ester hydrochloride Bz-L-Arg-OEt•HCl |
| CAS Number | 2645-08-1 |
| Molecular Formula | C ₁₅ H ₂₂ N ₄ O ₃ •HCl |
| Molecular Weight | 342.8 |

| | |
|--|---|
| Appearance | White to off-white powder |
| Solubility | Clear solution (0.3 g in 2 mL DMF) |
| Melting Point | 128.7-129.5 °C |
| Water Content (Karl Fisher) | 0.168% |
| Optical Rotation | [α] _D ²⁰ = -17.1° (C=2 in H ₂ O) |
| Infrared Spectrum | Conforms to structure |
| Analysis by Mass Spectra | Conforms to standard |
| Loss on Drying | 0.38% |
| ¹H NMR | Conforms to structure |
| Purity by HPLC | 99.08% |
| Storage | Store at 0-8 °C |

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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



Bala Kumar
Quality Control Manager