## Chem-Impex International, Inc.

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## Certificate of Analysis

Catalogue Number 14362

Product  $N^{\alpha}$ -Boc-L-2,4-diaminobutyric acid *tert*-butyl

ester oxalate

**Lot Number** 000129-11130

Boc-L-Dab-OtBu•Oxalate

**Molecular Formula** C<sub>15</sub>H<sub>28</sub>N<sub>2</sub>O<sub>8</sub>

**Molecular Weight** 364.4

**Appearance** White crystalline powder

**Melting Point** 157-158 °C

**Optical Rotation** [a] $D^{20} = -21.9^{\circ}$  (C=1 in MeOH)

Assay by titration 99.3%
Purity by HPLC 99.7%
Purity by TLC > 99%

**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

**Bala Kumar** 

**Quality Control Manager**