Chem-Impex International, Inc.

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935 Dillon Drive

Wood Dale, IL 60191

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 16154
Lot Number 1

Product N^{α} -(4,4-Dimethyl-2,6-dioxocyclohex-1-ylidene)

ethyl- N^{β} -allyloxycarbonyl-D-2,3-diaminopropionic acid dicyclohexylammonium salt

Dde-D-Dap(Aloc)-OH•DCHA

CAS Number 1263046-79-2 (net) **Molecular Formula** C₁₇H₂₄N₂O₆ •C₁₂H₂₃N

Molecular Weight 533.6

Appearance White crystalline powder

Melting Point 128-130 °C

Optical Rotation [a]_D²⁰ = $+47.5^{\circ}$ (C=1 in MeOH)

Assay by titration 100.6%
Purity by HPLC 98.8%
Purity by TLC > 98%

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