Chem-Impex International, Inc.

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Shipping and Correspondence: Manufacturing site:

935 Dillon Drive 825 Dillon Drive

Wood Dale, IL 60191 Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 32500

Product Norlaudanosine hydrochloride

Lot Number 000933-32500-060119

1-(3,4-Dimethoxybenzyl)-6,7-dimethoxy-1,2,3,4-

tetrahydroisoquinoline

CAS Number 6429-04-5

Molecular Formula C₂₀H₂₅NO₄•HCl

Appearance White crystalline powder

Melting Point 218 °C

Assay by titration 99% (with total Nitrogen)

Purity by HPLC 99.9%

Storage Store at RT

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