Chem-Impex International, Inc.

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Shipping and Correspondence: Manufacturing site:

935 Dillon Drive
Wood Dale, IL 60191
Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 02275

Lot Number 001331-20120111

Product Bromo-tris-pyrrolidino-phosphonium

hexafluorophosphate

 $Bromotripy rrolidino phosphonium\ hexafluorophosphate$

CAS Number 132705-51-2 Molecular Formula C₁₂H₂₄N₃P₂BrF₆

Molecular Weight 466.2

Appearance White to off-white crystalline powder **Solubility** Clear solution (0.4 g in 1 mL DMF)

Loss on Drying 0.05%

¹**H NMR** Conforms to structure

Purity by HPLC 99.8%

Storage Store at \leq -20 °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