

# Chem-Impex International, Inc.

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825 Dillon Drive

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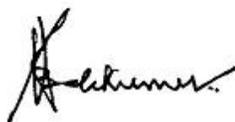
## Certificate of Analysis

<b>Catalogue Number</b>	37258
<b>Lot Number</b>	002832-80410324
<b>Product</b>	<b>(1-Butyl)triphenylphosphonium chloride</b> Butyltriphenylphosphonium chloride
<b>CAS Number</b>	13371-17-0
<b>Molecular Formula</b>	C <sub>22</sub> H <sub>24</sub> ClP
<b>Molecular Weight</b>	354.85

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<b>Appearance</b>	White to off-white crystalline powder
<b>Solubility</b>	Clear, no residue (10% EtOH)
<b>Melting Point</b>	227 °C
<b>Anion</b>	Chloride (Cl) : 10.02%
<b>Loss on Drying</b>	0.2%
<b>Related Substances</b>	Triphenylphosphine (TLC) : Not detected Triphenylphosphin oxide (TLC) : Not detected
<b>Assay by titration</b>	98.3%
<b>Storage</b>	Store at RT
<b>Remarks</b>	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