

# Chem-Impex International, Inc.

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	37349
<b>Lot Number</b>	001932-20211223
<b>Product</b>	<b>p-Toluenesulfonic anhydride</b> Toluenesulfonic anhydride 4-Methylbenzenesulfonic anhydride
<b>CAS Number</b>	4124-41-8
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>14</sub> O <sub>5</sub> S <sub>2</sub>
<b>Molecular Weight</b>	326.38

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<b>Appearance</b>	White solid
<b>Water Content (Karl Fisher)</b>	0.15%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity</b>	> 98% (NMR)
<b>Storage</b>	Store at -20 °C
<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**