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## CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2025

Re-test Date: Aug 2028

**Product Name: Tri-o-tolyolphosphine oxide**

### Identification:

Chemical Name: Phosphine oxide, tris (2-methylphenyl)

Synonyms : NA

CAS Number : 6163-63-9

CAT Number : CP-E11042

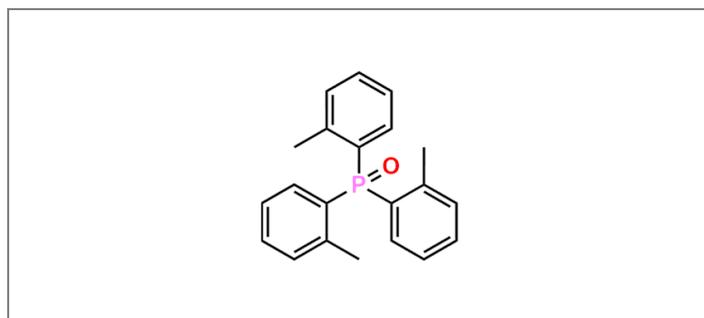
Molecular Formula : C<sub>21</sub>H<sub>21</sub>OP

Molecular Weight : 320.13

Batch Number : CP-30-78

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)		99.95%
5)	<sup>1</sup> H NMR	Confirm to Structure
6)	<sup>13</sup> C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	0.596 %
9)	Potency by TGA	99.35%



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

Approved By

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.