



CERTIFICATE OF ANALYSIS

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1. Identification

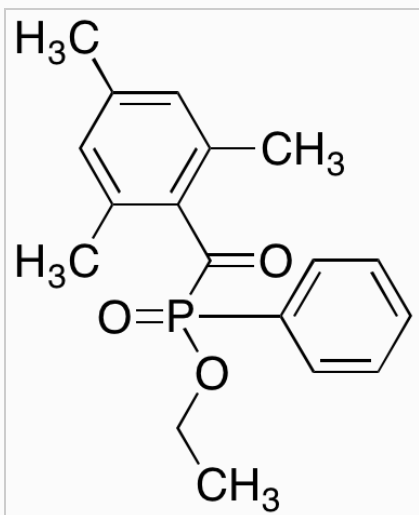
Catalogue Number: P337600

CAS Number: 84434-11-7

Product: p-Phenyl-p-(2,4,6-trimethylbenzoyl)phosphinic Acid Ethyl Ester

Synonym: Phenyl(2,4,6-trimethylbenzoyl)-phosphinic Acid Ethyl Ester; 2,4,6-Trimethylbenzoyl ethoxyphenylphosphine Oxide; 2,4,6-Trimethylbenzoyl phenylethoxyphosphine Oxide; Ethyl (2,4,6-Trimethylbenzoyl)phenylphosphinate; Ethyl Phenyl(2,4,6-trimethylbenzoyl)phosphinate; JRcure TPO-L; LR 8893X; Lucirin LR 8893X; Lucirin TPO Liquid; Lucirin TPO-L; Speedcure TPO-L; TPO-L

Structure:



Molecular Formula:

C₁₈H₂₁O₃P

Molecular weight:

316.33

Source of Product:

N/A

Solubility:

Chloroform (Sparingly), Ethyl Acetate (Sparingly, Heated)

Lot Number: 22-SBL-46-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Elemental Analysis	Conforms	%C: 68.54, %H: 6.99
Appearance	Colourless to Yellow Oil to Thick Oil	Clear Pale Yellow Thick Oil
NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	98.21% (205 nm)
MS	Conforms to Structure	Conforms

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures**Reviewed By**

Neha Khanna

**Reviewed By**

Toni Rantanen

**C of A Approved
By**

Chanell Chu

**Test Date**

4/14/2022

Retest Date

4/12/2026