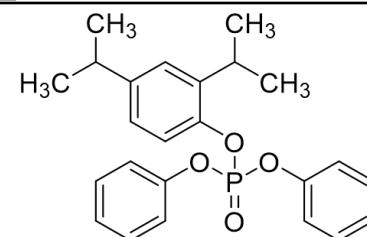


**CERTIFICATE OF ANALYSIS****1. Identification**

<u>Catalogue Number</u>	<u>Lot Number</u>
B451480	8-PGG-128-2
<u>Product Name</u>	
2,4-Bis(1-methylethyl)phenyl Diphenyl Ester Phosphoric Acid	

StructureCAS Number

96107-55-0

Solubility

Chloroform (Slightly), DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC<sub>24</sub>H<sub>27</sub>O<sub>4</sub>PSource of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

410.44

Purity

&gt;95%

**2. Warnings**

Not Determined

**3. Analytical Information**

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Colourless to Pale Yellow Oil to Thick Oil	Clear Colourless to Pale Yellow Oil
NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 70.11, %H: 6.56
HPLC Purity	>95%	98.02% (200 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  $\pm 2\%$ . 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**

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			5/11/2025	5/9/2029

Vijaya Annapareddy  
Product Quality Specialist

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Chanell Chu  
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