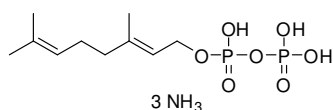




## Certificate of Analysis

**Axon Catalogue ID:** 1489 **Batch Number:** 1  
**Product Name:** Geranyl pyrophosphate triammonia salt  
**Alternative Name(s):** N.A.  
**IUPAC Name:** (E)-3,7-dimethylocta-2,6-dienyl trihydrogen diphosphate triammonium salt

**Structure:**



**Amount:**

**CAS number:** 116057-55-7  
**Batch Molecular Formula:** C<sub>10</sub>H<sub>20</sub>O<sub>7</sub>P<sub>2</sub> · 3NH<sub>3</sub> **Batch MW:** 365.30  
**Appearance:** White Solid **Observed m.p.:** ND °C  
**TLC (R<sub>f</sub>):** NA due to salt form.  
**Chemical Purity:** 98.7% **Wavelength for purity check:** 214 nm

**Optical Purity (ee):**

**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure

**Mass Spec:** Analytical data confirm chemical structure

**Microanalysis:** Not available

**Storage Conditions:** Store at -20 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water			Soluble
	1eq. NaOH			Not tested
	1eq. HCl			Not tested
	DMSO			Not tested
	EtOH			Not tested

**Remarks:**

**Quality controller:** M. Brandsma, MSc. **Date:** 13-09-2011

The purity of Axon products is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to [info@axonmedchem.com](mailto:info@axonmedchem.com) indicating Axon Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**