



*The Power to Question*

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-391032  
Lot Number: SAMPLE  
Product Name: Geranyl monophosphate lithium salt  
CAS Number: 16750-99-5 (free acid)  
Molecular Formula:  $C_{10}H_{19}O_4P \cdot xLi$   
Molecular Weight: 234.23

| Test                    | Specification                         | Result       |
|-------------------------|---------------------------------------|--------------|
| Appearance              | White to off white powder or crystals | White powder |
| Assay                   | 5.4 - 5.8 % LI (Atomic Absorpt.)      | 5.6 % LI     |
| Identification (1H-NMR) | Consistent with structure             | Complies     |
| Purity (TLC)            | $\geq 95.0\%$                         | 96.5%        |
| Carbon Content          | 48.81%                                | 48.48%       |
| Hydrogen Content        | 6.96%                                 | 6.92%        |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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