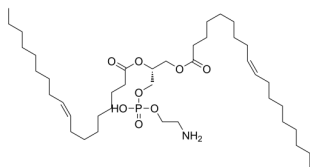


## Certificate of Analysis

### Compound Information

**Product Name:** DOPE  
**Cat. No.:** 1112977  
**CAS No.:** 4004-05-1  
**Molecular Formula:** C<sub>41</sub>H<sub>78</sub>NO<sub>8</sub>P  
**Molecular Weight:** 744.03  
**Chemical Structure:**



### Batch Information

**Batch No.:** Lg0828299124  
**Storage:** Storage temp. -20°C  
**Test Date:** 2023-03-30  
**Retest Date:** 2026-03-29  
**Origin:** Shanghai, China

### QC Summary

**Appearance:** White to light yellow (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (NMR):** ≥98.0%  
**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

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