

Aladdin warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Aladdin-e.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

## Specification Sheet

Product Name: **Mandyphos SL-M004-1**  
Specifications & Purity: **≥97%**  
SKU #: **S464300**

Parameter	Limit Values
NMR Spectrum 1H	Conforms to Structure
Appearance(S464300)	Light Yellow to Very Dark Yellow and Orange-red to Very Dark Orange Powder or Crystals
Phosphorus NMR spectrum	conforms to structure
Specific rotation $[\alpha]_{20/D}(C=1, CHCl_3)$	-70~-60 (°)
Carbon by Elemental Analysis	70.80-75.18 (%)

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