

Certificate of Analysis

Date of Testing: 2023-07-14 13:06:22

Date of Next Testing: 2025-07-03 13:06:22

Product Name: **Xantphos**

CAS Number: 161265-03-8

Specifications & Purity: 98%

Lot #: G23051378

SKU #: **X111327**

Analysis: **234139**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	227-231 (°C)	227.80000 °C
Purity(HPLC)	98-100 (%)	99.50000 %
Appearance (X111327)	white to off-white to Light yellow powder or crystals or solid	white to off-white to Light yellow powder or crystals or solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager