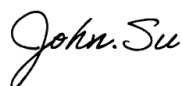


Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2023-03-28 08:29:40
Date of Next Testing: 2027-03-27 08:29:40
Product Name: **1,4-Naphthoquinone**
CAS Number: 130-15-4
Specifications & Purity: $\geq 97\%$
Lot #: C23241237
SKU #: **N106403**
Version: **0**
Analysis #: **181659**

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	4.38920 %
Purity(HPLC)	97-100 (%)	99.30400 %
Melting point	123-126 (°C)	123.97000 °C
Appearance (N106403)	yellow to yellow-green or brown powder	yellow to yellow-green or brown powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager