

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-19 15:28:36  
Date of Next Testing: 2027-12-18 15:28:36  
Product Name: **4'-Nitroacetophenone**  
CAS Number: 100-19-6  
Specifications & Purity: 97%  
Lot #: D1629070  
SKU #: **N105745**  
**Analysis: 306312**

Parameter	Limit Values	Result
Melting point	76-80 (°C)	78.53000 °C
Water by Karl Fischer	0-0.5 (%)	0.08 %
Free acid (AS 4-Nitrobenzoic acid)	0-0.2 (%)	0.19 %
Purity(GC)	97-100 (%)	98.53 %
Appearance (N105745)	Yellow powder, crystals or flakes and/or chunks	Yellow powder, crystals or flakes and/or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Very faint turbidity	pass	Pass



John Su  
QA & QC Manager