

Certificate of Analysis

Date of Testing: 2024-06-13 19:01:20
Date of Next Testing: 2028-06-12 19:01:20
Product Name: **4'-Nitroacetophenone**
CAS Number: 100-19-6
Specifications & Purity: 97%
Lot #: F2411368
SKU #: **N105745**
Version: **0**
Analysis #: **350341**

| Parameter | Limit Values | Result |
|---|---|---|
| Purity(GC) | 97-100 (%) | 99.79% |
| Melting point | 76-80 (°C) | 78.60000 °C |
| Free acid (AS 4-Nitrobenzoic acid) | 0-0.2 (%) | 0.15 % |
| Water by Karl Fischer | 0-0.5 (%) | 0.40 % |
| 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 |



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