



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-216051
Lot Number: SAMPLE
Product Name: Vanillin azine
CAS Number: 1696-60-2
Molecular Formula: $C_{16}H_{16}N_2O_4$
Molecular Weight: 300.31

| Test | Specification | Result |
|------------------------------------|---|--|
| Appearance | White to yellow to green powder, crystals | Yellow solid |
| Identification (Infrared Spectrum) | Consistent with structure | Complies |
| Purity (TLC) | 99% | Complies |
| Melting Point | | 179 - 181 °C |
| Solubility | | Clear yellow/gold solution at 25 mg/ml in methanol |
| Carbon Content | 63.0 - 64.9% | 64.17% |
| Hydrogen Content | | 5.29% |
| Nitrogen Content | | 9.0 - 9.5% |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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