



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-358236
Lot Number: SAMPLE
Product Name: Flutrimazole
CAS Number: 119006-77-8
Molecular Formula: $C_{22}H_{16}F_2N_2$
Molecular Weight: 346.37

| Test | Specification | Result |
|------------------------------------|--|---------------------|
| Appearance | White or similar to white powder | White powder |
| Assay (Dried Basis) | $\geq 95\%$ | > 95% |
| Identification (Infrared Spectrum) | C/W control article | C/W regulations |
| Identification (TLC) | Has same color spot with correspond place in control article | C/W regulations |
| Melting Point | 161 °C - 166 °C | 163.0 °C - 165.5 °C |
| Residue on Ignition | $\leq 0.1\%$ | 0.07% |
| Specific Rotation | -0.05 - +0.05 | 0 |
| Heavy Metals | ≤ 10 ppm | C/W regulations |
| Loss on Drying | $\leq 0.5\%$ | 0.34% |
| Other Impurities | Other max single impurities: $\leq 0.3\%$ | 0.19% |
| Total Impurities | Other total impurities: $\leq 0.5\%$ | 0.21% |
| Imidazole | $\leq 0.1\%$ | Not detectable |

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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