

CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-235252 Lot Number: SAMPLE

Product Name: Glafenine hydrochloride

CAS Number: 65513-72-6 Molecular Formula: $C_{19}H_{17}CIN_2O_4$ •HCI

Molecular Weight: 409.26

| Test | Specification | Result |
|------------------------------------|---------------------------|--|
| Appearance | | Very bright yellow powder with a green cast |
| Identification (Infrared Spectrum) | Consistent with structure | Complies |
| Purity (TLC) | | > 98% |
| Solubility | | Clear very dark yellow solution at 50 mg/ml in water |
| Carbon Content | | 55.6% |
| Nitrogen Content | | 6.7% |

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