



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215440
Lot Number: SAMPLE
Product Name: N-Benzoyl-Val-Gly-Arg p-nitroanilide hydrochloride
CAS Number: 64815-80-1
Molecular Formula: $C_{26}H_{35}ClN_8O_6$
Molecular Weight: 591.06

| Test | Specification | Result |
|----------------------|--|--|
| Appearance | Off-white powder | Complies |
| Purity (TLC) | $\geq 98\%$ | 100.0% |
| Solution (Color) | Faint yellow solution at 20 mg/ml in ethanol | Almost colorless solution at 20 mg/ml in ethanol |
| Solution (Turbidity) | Clear solution(< 3.5 NTU) at 20 mg/ml in ethanol | Clear solution at 20 mg/ml in ethanol |
| Carbon Content | 50.5 - 55% (anhydrous basis) | 52.7% (anhydrous basis) |
| Nitrogen Content | 17.1 - 19.4% (anhydrous basis) | 19.0% (anhydrous basis) |
| Water Content | $\leq 9\%$ | 3.3% |

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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