



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-235336A
Lot Number: SAMPLE
Product Name: Hydroxocobalamin hydrochloride
CAS Number: 58288-50-9
Molecular Formula: $C_{62}H_{89}CoN_{13}O_{15}P \cdot HCl$
Molecular Weight: 1382.83

| Test | Specification | Result |
|----------------|---|--|
| Appearance | Red to dark red powder or crystals | Dark red powder |
| Purity (HPLC) | $\geq 96.0\%$ | 99.2% |
| Purity (UV) | $\geq 96.0\%$ | 99.5% |
| Solubility | Red to very dark red and clear to very slightly hazy solution at 0.01 g in 10 ml methanol | Very dark red and clear solution at 0.01 g in 10 ml methanol |
| Loss on Drying | $\leq 12\%$ | 8.1% |

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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