



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-235334  
Lot Number: SAMPLE  
Product Name: Hydrocortisone 3-(O-carboxymethyl)oxime  
CAS Number: 43188-86-9  
Molecular Formula:  $C_{23}H_{33}NO_7$   
Molecular Weight: 435.51

| Test             | Result                                               |
|------------------|------------------------------------------------------|
| Appearance       | Small white needles                                  |
| Isomer           | Mixture of isomers E & Z: 50 / 50                    |
| Purity (TLC)     | $\geq 98\%$                                          |
| TLC              | One spot (homogenous)                                |
| Melting Point    | 201.8 - 213.4 °C                                     |
| Solubility       | Soluble in most organic solvents, insoluble in water |
| Optical Rotation | +179° (Methanol)                                     |

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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