



*The Power to Question*

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-490602  
Lot Number: SAMPLE  
Product Name: O-Hydroxyethyl Metronidazole  
CAS Number: 16156-94-8  
Molecular Formula:  $C_8H_{13}N_3O_4$   
Molecular Weight: 215.21  
Native Source: Synthetic

| Test                               | Specification         | Result                               |
|------------------------------------|-----------------------|--------------------------------------|
| Appearance                         |                       | Pale yellow solid                    |
| Identification (1H-NMR)            | Conforms to structure | Complies                             |
| Identification (Mass Spectrometry) | Conforms to structure | Complies                             |
| Purity (HPLC)                      |                       | 99.24 %                              |
| Purity (TLC)                       |                       | 98 %                                 |
| Melting Point                      |                       | 75 - 77 °C                           |
| Solubility                         |                       | DMSO (Slightly), Methanol (Slightly) |

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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