



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-212950  
Lot Number: SAMPLE  
Product Name: Solifenacin Hydrochloride  
CAS Number: 180468-39-7  
Molecular Formula:  $C_{23}H_{27}ClN_2O_2$   
Molecular Weight: 398.93  
Native Source: Synthetic

| Test                         | Specification             | Result                  |
|------------------------------|---------------------------|-------------------------|
| Appearance                   |                           | Off-white solid         |
| Identification ( $^1H$ -NMR) | Consistent with structure | Complies                |
| Purity (TLC)                 |                           | 97%                     |
| Atmosphere                   |                           | Inert gas               |
| Melting Point                |                           | 203 - 208 °C            |
| Solubility                   |                           | Methanol, ethanol, DMSO |
| Optical Rotation             |                           | +96.5° (c = 1, ethanol) |
| Chloride                     |                           | 10.0%                   |

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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