



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-220122
Lot Number: SAMPLE
Product Name: Solifenacin succinate salt
CAS Number: 242478-38-2
Molecular Formula: $C_{23}H_{26}N_2O_2 \cdot C_4H_6O_4$
Molecular Weight: 480.55

Test	Specification	Result
Appearance	White or off-white crystalline powder	Complies
Identification (1H-NMR)	Conforms to structure	Complies
Identification (HPLC)	Conforms to structure	Complies
Isomer	$\leq 0.3 \%$	Negative
Purity (HPLC)	$\geq 99 \%$	99.89 %
Melting Point	144-152° C	147.4-150.6° C
pH	4-6	5.4
Residue on Ignition	$\leq 0.1\%$	Complies
Specific Rotation	+34° to +42° (C=1, H ₂ O)	+42°
Heavy Metals	≤ 20 ppm	Complies
Loss on Drying	$\leq 0.1\%$	0.04%
Single Impurity	$\leq 0.1\%$	0.04%
Total Impurities	$\leq 1.0\%$	0.11%
Acetone	$\leq 0.5\%$	0.18%
Toluene	$\leq 0.08\%$	0.02%

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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