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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2025

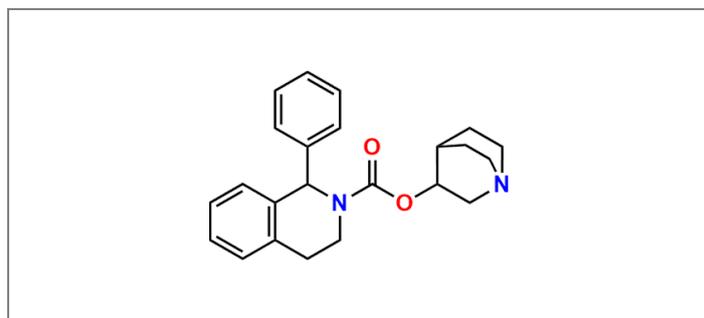
Re-test Date: May 2028

**Product Name: Racemic Solifenacin**

### Identification:

Chemical Name: Quinuclidin-3-yl 1-phenyl-3,4-dihydroisoquinoline-2(1H)-carboxylate

Synonyms : Racemic Solifenacin  
Impurity(Mixture of 4-Isomer);S  
Solifenacin Impurity+RR  
Solifenacin Impurity+SS  
Solifenacin Impurity+SR-  
Stereoisomer Solifenacin



CAS Number : 180272-14-4

CAT Number : CP-S9052

Molecular Formula : C<sub>23</sub>H<sub>26</sub>N<sub>2</sub>O<sub>2</sub>

Molecular Weight : 362.5

Batch Number : CP-SOL-RS-0625

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA

### Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White to Pale Yellow Sticky Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.74%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	<sup>13</sup> CNMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	2.76%
9)	Potency by TGA	95.88%



**Prepared and Reviewed By**

A handwritten signature in blue ink, appearing to be "Priyanka Salunkhe".

Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**

A handwritten signature in blue ink, appearing to be "Rohini Gagare".

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.