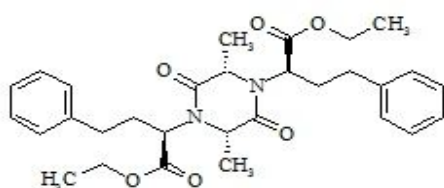


## CERTIFICATE OF ANALYSIS

Reference Substance

Date

**Ramipril Impurity-O**
**Batch No.:**
**IUPAC Name:** Diethyl 2,2'-(2,5-dimethyl-3,6-dioxopiperazine-1,4-diyl)bis(4-phenylbutanoate)


Molecular Weight: 522.63

 Molecular Formula: C<sub>30</sub>H<sub>38</sub>N<sub>2</sub>O<sub>6</sub>

Sr.#	Test	Results	Data ref.
1	Appearance	White colored powder	-----
2	Purity by HPLC	99.70%	Chromatogram attached
3	Mass	Conform	Report attached
4	H NMR	Conform	Report attached

**Storage condition:** Store at 2-8° C temperature, Protect from direct sunlight and moisture.

**Shipment date:**

This certificate of analysis is valid for two years from date of manufacturing provided the substance is stored under suitable conditions.

**Date of manufacturing:**
**Retest Date:**
**Document data reference:**
*Prepared by*
*Reviewed by*
*Approved by*