

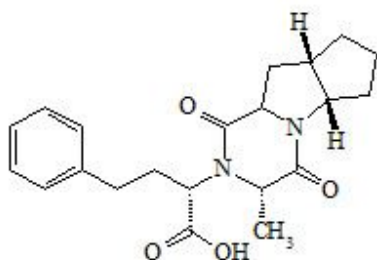
## CERTIFICATE OF ANALYSIS

Reference Substance

Date

**Ramipril Impurity K**
**Batch No.:**

IUPAC Name: (R)-2-((3S,5aS,8aS,9aS)-3-methyl-1,4-dioxooctahydro-1H-cyclopenta[4,5]pyrrolo[1,2-a]pyrazin-2(5aH)-yl)-4-phenylbutanoic Acid


 Molecular Formula: C<sub>21</sub>H<sub>26</sub>N<sub>2</sub>O<sub>4</sub>

Molecular Weight: 370.0 g/mol

Sr.#	Test	Results	Data ref.
1	Appearance	A white colour solid	-----
2	Purity by HPLC	87.65%	Chromatogram attached
3	MASS	Conform	Report attached
4	<sup>1</sup> H NMR	Conform	Report attached

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

**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*