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CERTIFICATE OF ANALYSIS

Analysis Date:

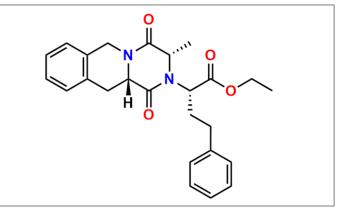
Re-test Date:

Product Name: Quinapril EP Impurity D

Identification:

 $\label{eq:chemical Name: $(\alpha S, 3S, 11aS)-1, 3, 4, 6, 11, 11a-Hexahydro-3-methyl-1, 4-dioxo-$(2-phenylethyl)-2H-pyrazino[1, 2-b] isoquinoline-2-acetic Acid$

Synonyms	:	Quinapril USP Related Compound A ; Quinapril Diketopiperazine
CAS Number	:	103733-49-9
CAT Number	:	CP-Q2004
Molecular Formula	:	C25H28N2O4
Molecular Weight	:	420.51



Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure

Prepared and Reviewed By

Ms Priyanka Salunkhe (Manager QC Analytical)

Approved By

Ms Rohini Gagare (QA Head)

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