

CERTIFICATE OF ANALYSIS OF REFERENCE STANDARD

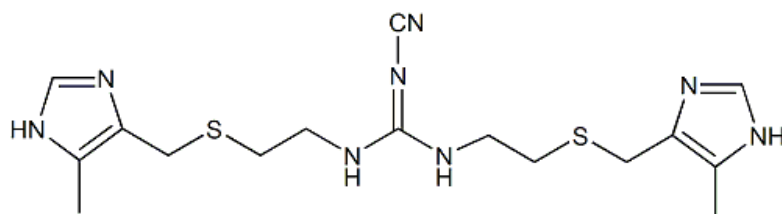
Reference Standard

Date:

Cimetidine EP Impurity F/Cimetidine bis Impurity**Catalog NO: VL1900001**

Batch No.:

IUPAC Name: 2-Cyano-1,3-bis[2-[[[(5-methyl-1H-imidazol-4-yl)methyl]-sulfanyl]ethyl] guanidine

Molecular Formula: C₁₆H₂₄N₈S₂

Molecular weight: 392.55 g/mol

Sr.#	Test	Results	Data ref.
1	Appearance	White Solid powder	-----
2	Purity by HPLC	96.55%	Chromatogram attached
3	NMR	Conform	Report attached
4	MASS	Conform	Report attached

Material Shipping Condition: At Room Temperature.**Storage condition:** Store at 2-8°C, Protect from direct sunlight and moisture.

This certificate of analysis is valid for three 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*