

CERTIFICATE OF ANALYSIS OF REFERENCE STANDARD

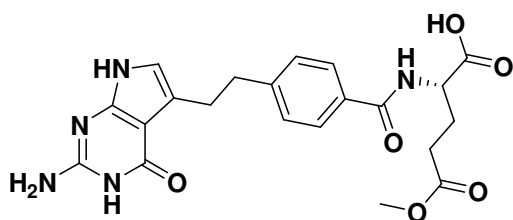
Reference Standard

Date:

Pemetrexed Impurity 2**Catalogue No.: VL1240002**

Batch No.:

IUPAC Name: L-Glutamic acid, N-(4-(2-(2-amino-4,7-dihydro-4-oxo-3H-pyrrolo[2,3-d]pyrimidin-5-yl)ethyl)benzoyl)-,5-methyl ester sodium salt,.

Molecular Formula: C₂₁H₂₃N₅O₆

Molecular Weight: 441.12 g/mol

Sr.#	Test	Results	Data ref.
1	Appearance	Off White solid	-----
2	Purity by HPLC	98.12%	Chromatogram attached
3	¹ H NMR	Conform	Report attached
4	MASS	Conform	Report attached

Storage condition: Store at 2-8 degree, protect from moisture and direct sunlight.

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

Manufacturing date:**Retest Date:****Document data reference:***Prepared by**Reviewed by**Approved by*