

## CERTIFICATE OF ANALYSIS

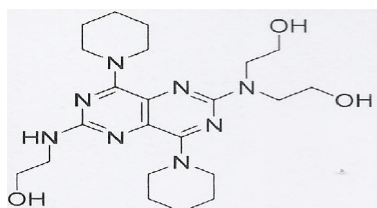
Reference Substance

Date

**Dipyridamole Impurity -D**

Batch No.

IUPAC Name: 2,2'-[[6-[(2-hydroxyethyl)amino]-4,8-di(piperidin-1-yl)pyrimido[5,4-d]pyrimidine-2-yl]nitrilo]diethanol

Molecular Formula: C<sub>22</sub>H<sub>36</sub>N<sub>8</sub>O<sub>3</sub>

Molecular weight: 460.57 g/mol

Sr.#	Test	Results	Data ref.
1	Appearance	Yellow colour solid	-----
2	Purity by HPLC	93.36%	Chromatogram attached
3	Mass	Conform	Report attached
4	NMR	Conform	Report attached

**Storage condition:** Store at 2-8°C, protect from 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.

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