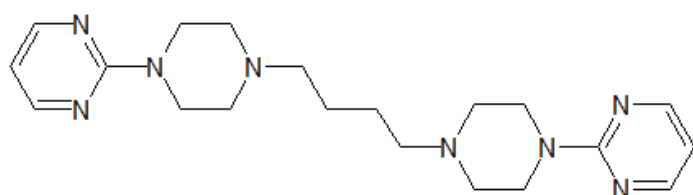


## CERTIFICATE OF ANALYSIS OF REFERENCE STANDARD

Reference Standard

Date:

**Bispyrimidinyl piperazinyl butane/ Bupirone EP impurity C****Catalogue no.VL249009****Batch No.****IUPAC Name:** 2,2'-[Butane-1,4-dilybis(piperazine-1,4-dily)]dipyrimidineMolecular Formula: C<sub>20</sub>H<sub>30</sub>N<sub>8</sub>

Molecular weight: 382.51 g/mol

Sr.#	Test	Results	Data ref.
1	Appearance	White solid Powder	-----
2	Purity by HPLC	99.90%	Chromatogram
3	Mass	Conform	Report attached
4	NMR	Conform	Report attached

**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.

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