

SUPRIYA LIFE SCIENCE LTD.
(Formerly known as Supriya Chemicals)

Working Standard Certificate of analysis

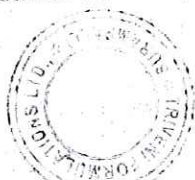
Product	:	Phenylephrine Hydrochloride BP	Date of Manufacturing	:	Sep, 2015
Batch No.	:	SLL/P/0816151679	Date of re-test/Expiry	:	Aug, 2020
Quantity	:	1.0 g	Date of Release	:	14/12/2015
A.R. No.	:	SLL/QC/FP/15/07648	Use before	:	14/12/2016

S.No.	Test	Specifications	Results
1.	Description	A white or almost white crystalline powder.	A white or almost white crystalline Powder.
2.	Solubility	Freely soluble in water and in Ethanol (95%)	Conforms
3.	Melting Point ($^{\circ}\text{C}$)	About 143°C	143°C
4.	Identification:		
	A. Optical rotation	- 43 to -47	-45
	C. Identification by IR	The IR absorption spectrum should be concordant with that of Phenylephrine Hydrochloride working standard	Positive
	A. Chlorides	reaction (a) of Chlorides	Complies
5.	Appearance of solution	Solution S is clear and colourless	Complies
6.	Acidity or Alkalinity	To change the colour of the indicator to Red	Complies
7.	Optical rotation	- 43 to -47	-45
8.	Related substances (By HPLC)		
	a. Impurity C.	a. Not more than 0.1%	a. 0.01%
	b. Impurity E	b. Not more than 0.1%	b. 0.005%
	c. Unspecified impurities	c. Not more than 0.1%	c. 0.004%
9.	d. Total impurities	d. Not more than 0.2%	d. 0.031%
			Complies
9.	Sulphates	Maximum 500ppm	0.17%
10.	Loss on drying	Not more than 1.0% w/w	0.08%
11.	Sulphated ash	Not more than 0.1% w/w	99.73%
12.	Assay (By Titration) Content of Chlorphenamine Maleate	Not less than 98.0% and Not more than 101.0% calculated on dried basis.	

Remarks: The product complies with respect to above mentioned test as per BP Specification

Complied by QC	Checked by QC	Approved By Head - QC
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