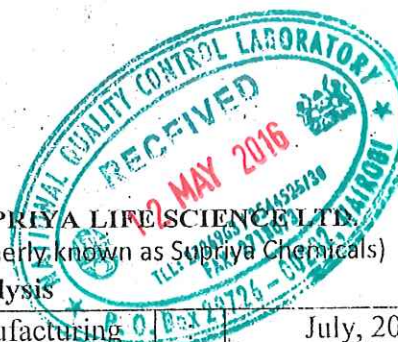


WRS
C30-6



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



Working Standard Certificate of analysis

Product	:	Chlorpheniramine Maleate BP	Date of Manufacturing	:	July, 2015
Batch No.	:	SLL/C/081615154	Date of re-test/Expiry	:	Jun, 2020
Quantity	:	1.0 g	Date of Release	:	14/11/2015
A.R. No.	:	SLL/QC/FP/15/0688	Use before	:	14/11/2016

S.No.	Test	Specifications	Results
1.	Description	A white crystalline powder, odourless.	A white crystalline powder, odourless.
2.	Solubility	Freely soluble in water, soluble in Ethanol (95%)	Conforms
3.	Identification:		
	A. Melting Point ($^{\circ}\text{C}$)	Between 130 and 135	133
	B. Identification by IR	The IR absorption spectrum should be concordant with that of Chlorpheniramine Maleate working standard	Positive
	C. Optical rotation	-0.10° to $+0.10^{\circ}$	$+0.09^{\circ}$
4.	Appearance of solution	Resultant solution should be clear and not more intensely coloured than Reference solution BY ₆ .	Resultant solution should be clear and less intensely coloured than reference solution BY ₆
5.	Optical rotation	-0.10° to $+0.10^{\circ}$	$+0.09^{\circ}$
6.	Related substances (By HPLC)		
	a. Impurity A.	a. Not more than 0.2%	a. 0.01%
	b. Impurity B	b. Not more than 0.1%	b. 0.005%
	c. Impurity C	c. Not more than 0.1%	c. 0.007%
	d. Impurity D	d. Not more than 0.1%	d. 0.005%
	e. Unspecified impurities	e. Not more than 0.1%	e. 0.004%
	f. Total impurities	f. Not more than 0.5%	f. 0.031%
7.	Heavy metals	Not more than 20 ppm	Complies
8.	Loss on drying	Not more than 0.5% w/w	0.21%
9.	Sulphated ash	Not more than 0.1% w/w	0.04%
10.	Assay (By Titration) Content of Chlorpheniramine Maleate	Not less than 98.0% and Not more than 101.0% calculated on dried basis.	99.74%

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

B. N. S. 14/11/15
Complied by QC

R. S. S. 14/11/15
Checked by QC

Approved By Head - QC

Page 1 of 1

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