



SYNOKEM PHARMACEUTICALS LIMITED,  
PLOT NO -35,36; SEC-6(A) IIE,SIDCUL,RANIPUR,BHEL,HARIDWAR-249403

**CERTIFICATE OF ANALYSIS**

Name of material	LEVONORGESTREL POWDER BP
WRS No.	QC/WS/H/L02/17
B. No.	A403016005
Q.C. Reference No.	HRM -0038/17-18
Manufacturing Date	10/2016
Expiry Date	09/2021
Manufactured by	IPC INDO PHYTO
Use before Date	26/10/2018
Effective Date	27/10/2017

Test Carried out	Result	Specification
Description	A white, crystalline powder, odourless.	A white to almost white, crystalline powder, odourless or almost odourless.
Identification (B) By IR	Complies	The IR absorption spectrum of the sample must be concordant with the reference spectrum of standard.
Loss on drying	0.28 %w/w	NMT 0.5 %w/w
RELATED SUBSTANCES :- Impurity A Impurity B Impurity K Impurity O Impurity M Impurity S Impurity U Impurity H Unspecified Impurity Sum of Impurities other than O Impurity W Impurity V	Not detected Not detected Not detected Not detected Not detected Not detected Not detected Not detected Not detected Not detected Not detected Not detected	NMT 0.3% NMT 0.3% NMT 0.3% NMT 0.3% NMT 0.2% NMT 0.2% NMT 0.2% NMT 0.15% NMT 0.10% NMT 1.0% NMT 0.3% NMT 0.15%
Assay	99.05 % ( as such basis ) 99.33% ( on dried basis )	98.0 -102.0 % (On dried basis.)
RSD.(Relative standard deviation)	0.61 %	NMT 1.00%(for multiple Assay)

Remarks: The Assay is the average value of multiple analyses.

Prepared by: 

Date

: 27/10/17

Checked by: 

Date

: 27/10/17

