

SL Drugs & Pharmaceuticals

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CERTIFICATE OF ANALYSIS

NAME OF PRODUCT : PODOPHYLLUM RESIN

BARCH NO : J-2012

MFG DATE : 21 JUNE 2012

EXP .DATE : 20 MAY2017

SOURCE : Podophyllum resin is made from roots and rhizome of Podophyllum Hexandrum, [P.emodii] wall.

S. NO	TEST	Specfication	Result
1	Description	A powder varying in colour from light brown to brownish grey.	Complies
2	Odour	Characteristic,caustic	Complies
3	Solubility	Partly soluble in hot water or in ethanol which it is percipate on cooling in cold water.	Complies
4	Solubility test Matter insoluble in ethanol (96%)	Lt.NMT2.5mg	0 .198mg
	Solubility test Matter insoluble in 5M ammonia	Lt0.18gm to0.30gm	0.0020 g
5	Identification a) By chemical test Add 0.4 gm finely powder in 3 ml of alcohol of [60%] then add 0.5 ml of N.Aqueous As Per Potashium Hydroxide.Shake gently and allow to stand	A Stiff Jelly Is Formed	Complies
	b) By TLC	complies with STD Spot	Complies
6	Sulphate of Ash	NMT 1.0 %	0.90% w/w
7	Loss on drying at 105c	NMT 5.0 %	4.1%
8	Podophollotoxin content As total aryltertralin lignans calculated as podophollotoxin	NLT 50 % w/w	52.9%[on dry basis]