

**SPECIFICATIONS OF OLEORESIN CAPSICUM POWDER FORM**

STANDARD No. IS 15697(PART 1):2006/ISO 7543-1:1994 &  
IS 15697(PART 2):2006 / ISO 7543-2:1993

S.No.	PARAMETERS	SPECIFICATIONS
1.	Appearance	Light reddish to brown powder
2.	Odour	Characteristic pungent smell of ground capsicum
3.	Capsaicin content by UV	Not less than 40% ( Capsicinoid)
4.	Oil soluble oleoresin	1% to 40% ( ASTA Method No. 2.1.3)
5.	Water soluble oleoresin	1% to 30%
6.	Colour Value	Less than 4000 CU ( ASTA Method No. 1.0)
7.	Residual solvent level	Less than 20.0 ppm (EOA Method No. 1-1 D.3.1)
8.	Determination Method of total Capsicinoid content, i.e 40%	The OC powder should have 40% Capsicinoid content, when tested by High performance liquid chromatography: (IS 15697(PART 2):2006 / ISO 7543-2:1993)

**SPECIFICATIONS OF OLEORESIN CAPSICUM GEL FORM**

STANDARD No. IS 15697(PART 1):2006/ISO 7543-1:1994 &  
IS 15697(PART 2):2006 / ISO 7543-2:1993

S.No.	PARAMETERS	SPECIFICATIONS
1.	Appearance	Light reddish to brown gel
2.	Odour	Characteristic pungent smell of ground capsicum
3.	Capsaicin content by UV	Not less than 40% ( Capsicinoid)
4.	Oil soluble oleoresin	1% to 40% ( ASTA Method No. 2.1.3)
5.	Water soluble oleoresin	1% to 30%
6.	Colour Value	Less than 4000 CU ( ASTA Method No. 1.0)
7.	Residual solvent level	Less than 20.0 ppm (EOA Method No. 1-1 D.3.1)
8.	Determination Method of total Capsicinoid content, i.e 40%	The OC gel should have 40% Capsicinoid content, when tested by High performance liquid chromatography: (IS 15697(PART 2):2006 / ISO 7543-2:1993)

OFFICE IN CHARGE  
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