

## Specification

Product: **Capsaicin 6.5 - 8 % w/w EP 6.0**  
Product code: ICP01

Issue no: 03  
Issue date: 15<sup>th</sup> Sep 2011

### Physical and Chemical Parameters:

S. N <sup>o</sup>	Tests	Requirements
1	Description	Reddish mobile liquid
2	Identification	By TLC
3	Nonivamide	NMT 5.0%
4	Heavy metals	
	Arsenic	NMT 1 ppm
	Chromium	NMT 2 ppm
	Cadmium	NMT 0.3 ppm
	Lead	NMT 1 ppm
	Mercury	NMT 0.2 ppm
	Zinc	NMT 5 ppm
	Total	NMT 10 ppm
5	Solvent	NMT 30 ppm
6	Moisture (By KF Titrator)	NMT 8.0 % w/w
7	Assay By HPLC Total Capsaicinoids	Between 6.5% and 8.0% w/w
8	Microbiological analysis:	
	Total plate count	NMT 5,000 Cfug
	Pathogens:	
	E. coli	Absent
	Salmonella	Absent
	Pseudomonas aeruginosa	Absent
	Staphylococcus aureus	Absent
	Yeast & Mould count	NMT 100 Cfug

<b>Origin of raw material</b>	India	<b>Labeling</b>	"Syn: <b>Capsaicin 6.5 - 8 % w/w EP 6.0</b> "
<b>Cultivated or Wild Carfted</b>	Cultivated	<b>Storage</b>	Recommended to keep in a clean, dry (60% RH), and cool (25oC) place.
<b>Packing</b>	5kg to 25kg net in HDPE Pail	<b>Handling</b>	Avoid direct contact with body parts. Use, gloves and goggle. Avoid inhaling.
<b>Shelf Life</b>	3 years (Stability data available)		

Certificate of Analysis on batchwise and MSDS will accompany the consignment

Approved by:

Date: 15<sup>th</sup> Sep 2011