



B 4, PATPARGANJ INDUSTRIAL AREA DELHI – 110092  
LADLINE NO. +91-11-47016588

### CERTIFICATE OF ANALYSIS

BLACK CARDAMOM				
S.No.	Parameters	UOM	Specifications	Result
1.1	Odor	Sensory	No off odour	No off odour
1.2	Appearance	Visual Observation	It is dried nearly ripe fruit of bold having aromatic odour and blackish in colour.	It is dried nearly ripe fruit of bold having aromatic odour and blackish in colour.
1.3	Foreign Matter organic	% w/w	Nil	Nil
1.4	Foreign Matter Inorganic	%w/w	Nil	Nil
1.5	Mold	Visual Observations	Free from Mold	Free from Mold
1.6	Living and dead Insect	Visual observations	Absent	Absent
1.7	Insect fragments	Visual Observations	Absent	Absent
1.8	Rodent Contamination	Visual observations	Absent	Absent
1.9	Extraneous matter	% w/w	NMT 1.0	Nil
1.10	Insect damaged matter	% w/w	NMT 1.0	0.06%
1.11	Empty and malformed capsules	By count %	NMT 2.0	0.04%
1.12	Immature and shriveled capsules	% w/w	NMT 2.0	0.10%
<b>2-Chemical</b>				
2.1	Adulteration-added color, harmful substances	Chemical Analysis	Absent	Absent
2.2	Moisture Content	% w/w	NMT 12.0	6.86%
2.3	Acid insoluble ash on dry basis	%w/w	NMT 2.0	0.21%
2.4	Volatile Oil Content on dry basis	% v/w	NLT 1.0	4.88%

**Remarks:** The product **Black Cardamom** confirms the requirements of above parameters.