

	<b>EAST COAST ORGANICS PRIVATE LIMITED</b> <b>237/2, Vellivoyal Chavadi, Chennai – 600 103</b> <b>Tamilnadu, India,</b>	DOC No : ECO/QC/SPC/FG/005
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<b>MONOSULFIRAM – IP</b>		

Specification	INDIAN PHARMACOPEIA - IP
Molecular Formula	C <sub>10</sub> H <sub>20</sub> N <sub>2</sub> S <sub>3</sub>
Molecular Weight	264.47 g/mol
CAS No	95-05-06

S.No	PARAMETER	SPECIFICATION
1	Description	A yellow or yellowish Brown liquid. Odour sulphurous .
2	Identification	a) Light Absorption in the Range 230 to 360 nm of 0.001 % w/v in Methanol exhibits a well defined Maximum only at 281nm. The absorption at 281nm is About 1.3
		b) Dissolve 0.1 gm in a mixture of 0.15 ml of a 1 % w/v Solution of copper II sulphate And 5 ml of ethanol ( 95 %), Evaporate on a water bath and Dissolve the residue in Chloroform. A deep yellowish Brown colour is produce.
		c) Boil 0.1 g with 2M hydrochloric acid. Fumes are Evolved which turn lead acetate paper black
3	Freezing Point	28.5°C to 32.0°C
4	Related substances	Any other spot apart from the principal spot, is not more intense than the spot in the chromatogram obtained with reference soluble
5	Water	Not more than 1.0 % w/w
6	Sulphated Ash	Not more than 0.1 % w/w
7	Assay (On anhydrous Basis)	98.0 % to 101.0 %

Quality Assurance Manager  
J,Kalimuthu - QA /QC