

	<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/004
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	<b>FINISHED GOOD SPECIFICATION</b>	Effective Date : 03.10.2020
<b>MONOSULFIRAM - BP 1993</b>		

Specification	BRITISH PHARMACOPOEIA 1993
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	PARAMETERS	SPECIFICATION
1	Characteristics	A yellow or yellowish Brown liquid. Odour sulphurous. Practically insoluble in water. Freely soluble in organic Solvents. Practically insoluble in acids and in alkalis
2	Identification	a) Light Absorption in the Range 230 to 350 nm of 0.002 % 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 ( 96 % ), 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	Shall comply to the Requirements of BP 1993
5	Sulphated Ash	Not more than 0.1 % w/w
6	Water	Not more than 1.00 % w/w
7	Assay by HPLC (On anhydrous Basis)	98.00 % to 101.00 %

Quality Assurance Manager

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