

	EAST COAST ORGANICS PRIVATE LIMITED 237/2, VellivoyalChavadi, Chennai-600103 Tamilnadu, India,	DOC No : ECO/QC/SPC/FG/004
		Issue Date : 01.10.2020
	FINISHED GOODS SPECIFICATION MONOSULFIRAM - BP 1993	Rev No : 01
		Effective Date: 03.10.2020

Specification	BRITISH PHARMACOPOEIA 1993
Molecular Formula	C ₁₀ H ₂₀ N ₂ S ₃
Molecular Weight	264.47g/mol
CASNo	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 281 nm. The absorption at 281 nm 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 produced.
		c) Boil 0.1 gm with 2 M 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 0.10% 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

J.Kalimuthu - QA /QC