
	<b>EAST COAST ORGANICS PRIVATE LIMITED</b> <b>237/2, Vellivoyal Chavadi, Chennai – 600 103</b> <b>Tamilnadu, India,</b>	DOC No : ECO/QC/TDS/003
		Issue Date : 01.10.2020
		Rev No/date : 01 / 09.10.2022
	<b>TECHNICAL DATA SHEET</b>	
<b>DISULFIRAM - BP</b>		

Name of the Drug	:	Disulfiram- BP
Chemical Name	:	Tetra Ethyl Thiuram Disulphide
CAS No	:	97-77-8
Molecular weight	:	296.54 g/mol
Molecular formula	:	C <sub>10</sub> H <sub>20</sub> N <sub>2</sub> S <sub>4</sub>

S. NO	TEST	SPECIFICATIONS
1	Description	A white to off white, crystalline powder.
2	Identification	<p>a. Determine by infrared absorption Spectrophotometry. Compare the spectrum with that obtained with Disulfiram BPRS or with the reference spectrum of Disulfiram.</p> <p>b. In the assay , the principal peak in the chromatogram obtained with test solution corresponds to the peak in the chromatogram obtained with the reference solution</p>
3	Related Substance	Shall comply As per BP
4	Heavy metals	Not more than 20 ppm
5	Selenium	Not more than 30 ppm
6	Sulphated Ash	Not more than 0.10 % WW
7	Assay (By HPLC)	98.00 to 102.00 % WW of C <sub>10</sub> H <sub>20</sub> N <sub>2</sub> S <sub>4</sub>

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	<b>TECHNICAL DATA SHEET</b>	Effective Date : 10.10.2022
<b>DISULFIRAM - BP</b>		

<b>Product Information</b>	
Solubility	Freely soluble in dichloromethane; soluble in ether, in acetone, in carbon disulphide and in chloroform; sparingly soluble in ethanol (95 per cent); practically insoluble in water.
Toxicity data	Dust may be irritating to the respiratory tract and cause symptoms of bronchitis. Harmful if swallowed. Repeat contact may cause skin sensitization. Toxic to aquatic organisms. Oral LD50/rat : 1,980 mg/kg
Handling and Personal Protection	Avoid breathing dust. Avoid contact with skin and eyes. Ensure good ventilation and local exhaustion of the working area. Wear suitable respiratory equipment, gloves with long cuffs, suitable protective clothing, Safety goggles recommended.
Storage	Store cool place & protected from direct sunlight

<b>Packaging</b>	
HDPE Barrel/Carbouy	Packed in polyliner and finally HDPE carbouys
Shelf Life	60 Months

Quality Assurance Manager

J.Kalimuthu - QA /QC