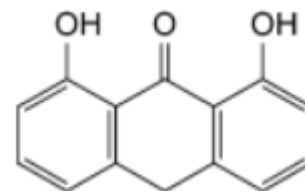


Product Specification

PRODUCT Dithranol EP/BP

CAS no. [1143-38-0]

C₁₄H₁₀O₃



CHARACTERISTICS Yellow or brownish-yellow, crystalline powder.
Solubility: practically insoluble in water, soluble in methylene chloride, sparingly soluble in acetone, slightly soluble in ethanol (96 per cent). It dissolves in dilute solutions of alkali hydroxides.

TEST	SPECIFICATION
Content	98.5 per cent to 101.0 per cent (dried substance).
Identification	A.Melting Point 178°C to 182°C B.Infrared absorption spectrophotometry : Comparison: Dithranol CRS C.Thin layer chromatography: the principal spot in the chromatogram obtained with the test solution is similar in position, colour and size to the principal spot in the chromatogram obtained with reference solution (a). D. Examined in ultraviolet light at 365 nm, the solution shows a blue fluorescence
Related substances	Impurity A Maximum 1.0% Impurity B Maximum 1.0% Impurity C Maximum 1.0% Impurity D Maximum 2.5% Total impurities Maximum 3.0%
Chlorides	Maximum 100ppm
Loss on drying	Maximum 0.5%
Sulfated ash	Maximum 0.1%

STORAGE Should be stored in an airtight container in a cool, dry place and protected from light.

PRODUCT NAMED ABOVE COMPLIES WITH THE SPECIFICATION OF THE EP/BP.

