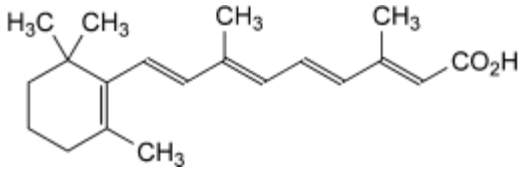
Product Specification

medex uk
PHARMACEUTICALS-CHEMICALS
A HOBART COMPANY

Tretinoin EP/BP

PRODUCT Tretinoin EP/BP

CAS [302-79-4]



$C_{20}H_{28}O_2$

SYNONYMS Retinoic Acid

CHARACTERISTICS Yellow or light orange, crystalline powder.
Practically insoluble in water, sparingly soluble in methylene chloride, slightly soluble in ethanol (96 per cent).
It is sensitive to air, heat and light, especially in solution.

TEST	SPECIFICATION	
Content	98.0 per cent to 102.0 per cent (dried substance).	
Identification	Complies with EP/BP tests	
Melting point	Around 182°C	
Loss on drying	Maximum 0.5%	
Related substances	Impurity A: Unspecified impurities: Total impurities:	Maximum 0.5% Maximum 0.2% (each) Maximum 1.0%
Heavy metals	Maximum 20ppm	
Sulphated ash	Maximum 0.1%	

STORAGE Should be stored in a well-closed container in a cool, dry place.

THIS PRODUCT COMPLIES WITH THE SPECIFICATION OF THE EP/BP

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