

# Product Specification

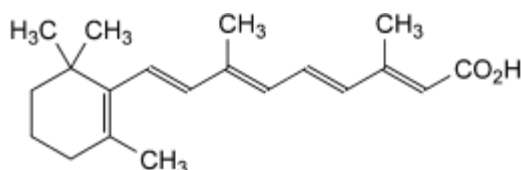
medex

PHARMACEUTICALS · CHEMICALS

A **HOBART** COMPANY

## PRODUCT      **Tretinoin EP/BP**

CAS [302-79-4]



C<sub>20</sub>H<sub>28</sub>O<sub>2</sub>

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:                              Maximum 0.5% Unspecified impurities:              Maximum 0.2% (each) Total impurities:                        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**



**Tretinoin EP/BP**