

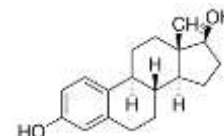


# Product Specification

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## β-ESTRADIOL

PRODUCT CODE	082780
SYNONYMS	--
C.I. NO.	--
CASR NO.	50-28-2
ATOMIC OR MOLECULAR FORMULA	C <sub>18</sub> H <sub>24</sub> O <sub>2</sub>
ATOMIC OR MOLECULAR WEIGHT	272.38
PROPERTIES	--



### PARAMETER LIMIT

Description	White to off-white powder.
Solubility	5% Solution in hot alcohol is clear and colourless.
Minimum Assay (HPLC)	98.0%
Melting Point	176-180°C
Specific rotation [α] <sub>D</sub> <sup>20</sup> (C=1, dioxane)	+76°- +83°

### MAXIMUM LIMIT OF IMPURITY

Water (KF)	3.5%
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Note(s) : Assay (if applicable) method mentioned.

#### DANGER :

**Response :** IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. In case of fire, use foam for extinction. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower.

**HAZARD STATEMENTS :** Highly flammable liquid and vapour. May be harmful if swallowed.

#### PRECAUTIONARY STATEMENTS :

**Prevention :** Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/equipment. Ground/bond container and receiving equipment. Use only non-sparking tools. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Wear protective gloves and eye/face protection.

**Disposal :** -----

**Hazard Pictogram(s) :-----**



GHS02

IMDG Code :-  
UN No. :-  
IATA :-

Replace Date:- 29-may-2023