

## Technical Information

### Hydrocortisone, Cell Culture Tested

**Product Code:TC1344**

#### Product Information

Product Code	: TC1344
Product Name	: Hydrocortisone, Cell Culture Tested
Synonym	: 11b,17a,21-Trihydroxypregn-4-ene-3,20-dione, 17-Hydroxycorticosterone, Cortisol, Kendall's compound
Molecular Formula	: C <sub>21</sub> H <sub>30</sub> O <sub>5</sub>
Molecular Weight	: 362.46
CAS No.	: 50-23-7

#### Technical Specification

Appearance	: White to off-white powder.
Solubility	: 5% solution in Chloroform Ethanol (1:1) solution is clear colorless to very faint yellow solution.
Minimum assay (HPLC)	: 98.00 %
Specific rotation [α] <sub>D</sub> <sup>20</sup> (10mg/ml in dioxane)	: +150° to + 156°
Cell Culture Test	: Passes test

#### Risk And Safety Information

WGK	: --
RTECS	: --
Storage Temperature(°C)	: Store below 30°C

#### Transport Information

Marine Pollutant	: No
ADR/RID	: Not Dangerous Goods
IMDG	: Not Dangerous Goods
IATA	: Not Dangerous Goods

#### Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
- **Central Drug House Pvt. Ltd.** reserves the right to make changes to specifications and information related to the products at any time.
- Products are not intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing of diagnostic reagents extra.
- Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.
- Do not use the products if it fails to meet specifications for identity and performance parameters.

Replace Date 16-Jan-2026