CDH

Product Specification

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Technical Information

HEPES

Plant Culture Tested

Product Code: PCT2532

Product Information

Product Code	: PCT2532
Product Name	: HEPES, Plant Culture Tested
SYNONYMS	: N-(2-Hydroxyethyl) piperazine-N ' -(2-ethanesulphonic acid)
Molecular Formula	: $C_8H_{18}N_2O_4S$
Molecular Weight	: 238.30
CAS No.	: 7365-45-9

Technical Specification

Appearance	: White crystalline powder.
Solubility	: 10% solution in water is clear and colourless.
Minimum Assay (potentiometric)	: 99.00%
Absorbance per 10 mm of 10% aq. solutions at 250 nm	: <= 0.1
0.1max. with smooth curve in the range 230 - 350 nm	
Loss on drying (at 110°C)	: <= 0.5%
Sulphated ash	: <= 0.1%
Chloride (Cl)	: <= 0.01%
Phosphate (PO_4)	: <= 0.001%
Sulphate (SO_4)	: <= 0.01%
Iron (Fe)	: <= 0.0005%
Lead (Pb)	: <= 0.001%
Biological buffer pKa at 20°C	: <= 7.55
Plant Culture Tested	: Passes test.

Risk And Safety Information

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

Transport Information

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

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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.
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- 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.