

Product Specification

Product Name:

HEPES - BioXtra, suitable for mouse embryo cell culture, ≥99.5% (titration)

Product Number:**H6147****CAS Number:**

7365-45-9

MDL:

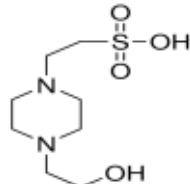
MFCD00006158

Formula:

C8H18N2O4S

Formula Weight:

238.30 g/mol

**TEST****Specification**

Appearance (Color)

White

Appearance (Form)

Crystalline Powder

Solubility (Color)

Colorless

Solubility (Turbidity)

Clear

500 mg/ml, H₂O

Infrared spectrum

Conforms to Structure

Water (by Karl Fischer)

≤ 0.1 %

A290 UV absorbance

≤ 0.05

33% W/W

ICP-MS

≤ 5 ppm

(Total: Ag, As, Bi, Cd, Cu, Hg, Mo, Pb, Sb, Sn)

Titration with NaOH

≥ 99.5 %

Anhydrous

Embryo Test

≥ 80 %

Single cell embryo reach blastocyte stage

Recommended Retest Period

4 years

Specification: PRD.3.ZQ5.10000005723

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.