



Datasheet for ABIN1536210

ACES



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1 Image

Overview

Quantity: 500 g

Product Details

Characteristics: Moisture: $\leq 0.5\%$
Heavy Metals: ≤ 5 PPM (as Pb)
Useful pH Range: pH 6.1 - 7.5 (20°C) pKa 6.8 (25°C) Storage RT Specification Assay $\geq 99\%$ (titr.)
Moisture $\leq 0.5\%$ Heavy Metals ≤ 5 PPM (as Pb)
pKa: 6.8 (25°C).

Target Details

Background: ACES is a zwitterionic buffer. A saturated solution contains 0.22 M at 0°C. The buffer substance is used for the uncoupled electron transport in chloroplast lamellae. ACES binds Cu^{2+} , but not significantly Mg^{2+} , Ca^{2+} or Mn^{2+} .
Synonyms: N-(2-Acetamido)-2-aminoethanesulfonic acid, N-(Carbamoylmethyl)-2-aminoethanesulfonic acid, N-(Carbamoylmethyl)taurine

Molecular Weight: 182.2 Da

CAS-No: 7365-82-4

Application Details

Restrictions: For Research Use only

Handling

Format: Powder

Handling

Storage: RT

Images

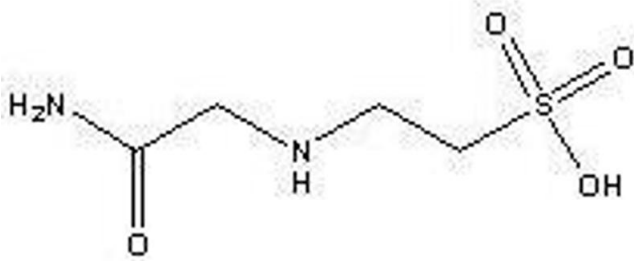


Image 1.