Creative Enzymes®

Betaine Phosphate

Cat. No. CEGZ-50211

Lot. No. (See product label)

Introduction

Description	Betaine phosphate is the phosphate salt of trimethylglycine, supplied as a white to slightly yellow, odorless crystalline powder with a sour, astringent taste. It is hygroscopic, very soluble in water, and soluble in ethanol. The product contains not less than 98.0% betaine phosphate, with loss on drying (105 °C, 1 h) of not more than 2.0%, heavy metals (as Pb) of not more than 0.001%, and arsenic (as As) of not more than 0.0002%.
Applications	Used as a methyl donor and acidulant in feed additives, food additives, pharmaceutical preparations, and fermentation processes.
Synonyms	Trimethylglycine phosphate; Betaine dihydrogen phosphate

Product Information

Appearance	White to slightly yellow crystalline powder
Form	Powder
CAS No.	58823-88-4
Molecular Formula	C5H14NO6P
Molecular Weight	215.15
Purity	≥98.0%
Notes	For research and development use only.

Storage and Shipping Information

Storage	Store at room temperature in a cool, dry place, protected from light. Shelf life 36 months when sealed.