

# Product Specification

## PRODUCT Calcium Hydrogen Phosphate Anhydrous EP/BP

CAS no. [7757-93-9]

CaHPO<sub>4</sub>

SYNONYMS Dicalcium phosphate, Calcium phosphate dibasic Anhydrous,

CHARACTERISTICS White or almost white, crystalline powder, or colourless crystals.  
SOLUBILITY Insoluble in water and in ethanol (96%). It dissolves in dilute hydrochloric acid and in dilute nitric acid.

TEST	SPECIFICATION
Content	98.0% - 103.0%
Identification	Complies with EP/BP tests (A, B & C)
Acid-insoluble substances	Maximum 0.2%
Carbonates	Complies with the test. No effervescence is produced.
Chlorides	Maximum 0.25%
Fluorides	Maximum 100ppm
Sulfates	Maximum 0.5%
Arsenic	Maximum 10ppm
Barium	Complies with the test. No turbidity is produced.
Iron	Maximum 40ppm
Loss on ignition	6.6% to 8.5%

STORAGE Should be stored in a well-closed container in a cool, dry place.

PRODUCT NAMED ABOVE COMPLIES WITH THE SPECIFICATION OF THE EP/BP.

