

Specification

Technical Data Sheet

CAS**7757-93-9****STORAGE****Ambient****MOLECULAR WEIGHT****136.06****PRODUCT****Calcium hydrogen phosphate particle size approx (150 µm) EP & USP Grade****Product number** 90035366**CAS number** 7757-93-9**Molecular formula** CaHPO₄**Molecular weight** 136.06 g/mol**PARAMETER****SPECIFICATION****Appearance**

White or almost white crystalline powder or colourless crystals

Assay

≥97.5% to 102.5%

Identification

A: A white precipitate is formed (1) USP. B: A yellow precipitate is formed (1) Ph.Eur. C: Responds to test for assay (2). Ph Eur. D: Match with reference standard (3). Synthon.

Loss on Ignition

6.6% to 8.7%

Acid-insoluble substances

≤0.2%

Carbonates (Na₂CO₃)

No effervescence is produced

Chloride (Cl⁻)

≤0.25%

Fluoride (F⁻)

≤0.005%

Iron (Fe)

≤0.04%

Sulphates

≤0.5%

Arsenic (As)

≤0.0003%

Barium (Ba)

No turbidity is produced

**SPECIFICATION
STATEMENT**

The values stated above represent the standard specification for this product, issued under **Molekula Ltd**'s quality management system. Batch-specific results are provided on the Certificate of Analysis.

STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.
----------------	--

Molekula Ltd would like to thank you for your support of our products and service.
Reg No 6879903 VAT GB 744 9721 05