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SPECIFICATIONS

Pharma and Food Grade

Parmcompress

Calcium Hydrogen Phosphate Dihydrate

conform to EP, USP, FCC, E341 (ii)*

Guideline 2002/82/EG, 2008/629/EG and Regulation (EU) No. 231/2012*

<i>Characters</i>	
Appearance	White, odourless, granular
Assay ($\text{CaHPO}_4 \times 2 \text{H}_2\text{O}$)	98.0% - 105.0%
Acid-insoluble substances	0.2% maximum
Carbonates	No effervescence
Chlorides (Cl)	0.25%
Fluorides (F)	50 ppm maximum
Sulfates (SO_4)	0.5% maximum
Heavy Metals	30 ppm maximum
Arsenic (As)	3 ppm maximum <i>1 ppm maximum (only food grade)</i>
Lead (Pb)	0.25 ppm maximum
Mercury (Hg)	1 ppm maximum
Cadmium (Cd)	1 ppm maximum
Barium (Ba)	No turbidity is produced
Iron (Fe)	400 ppm maximum
Loss on ignition	24.5% - 26.5%
Aluminium (Al)	<i>200 ppm maximum (for all uses except food for infants and young children) (only food grade)</i>
Particle size	
< 45 μm (U.S.S. 325 mesh)	5.0% maximum
> 150 μm (U.S.S. 100 mesh)	40.0% - 80.0%
> 425 μm (U.S.S. 40 Mesh)	2.0% maximum

*Does only apply to Food Grade

Storage: 15 - 25°C; < 60% RH

Packaging: 25 kg paper bags or 50 kg fiber drum.

Shelf Life: 3 Years.