

Specification

Technical Data Sheet

Product Name	Calcium phosphate Ph. Eur., BP, E 341 (iii)
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Product No	90036085
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CAS Number	7758-87-4
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Storage Temperature	Ambient
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Molecular Weight	310.18
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Specification

Appearance	White powder
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Assay	≥ 90.2%
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Assay(Ca)	35.0-40.0 %
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Bulk density	0.20 - 0.40 g/ml
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Cadmium (Cd)	≤ 0.0001%
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Carbonate	passes test
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Chloride (Cl)	≤ 0.1%
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Specification

Flowability (Hausner Ratio)	1.3-1.8
Fluoride (F)	≤ 0.0050%
Hydrochloric acid insoluble	≤ 0.1%
Identity	passes tests
Iron (Fe)	≤ 0.0400%
Particle Size	about 98% is < 0.063mm
Residual Solvents	Excluded by production process
Silicon (Si)	≤ 0.05%
Sulfate (SO4)	≤ 0.5%
Tapped Density	0.30 - 0.50 g/ml
aluminium (Al)	≤ 0.0200%
Arsenic (As)	≤ 0.0001%
Lead (Pb)	≤ 0.0001%
Loss on ignition (800 Deg C)	≤ 8.0%
Magnesium (Mg)	≤ 0.3%
Mercury (Hg)	≤ 0.0001%
Sodium (Na)	≤ 0.2%
Vanadium (V)	≤ 0.0010%