



TAP

Tartaric Acid Pellets

(Ph. Eur / USP)

Functional Starter Core

of

100 % Tartaric Acid



TAP - Tartaric Acid Pellets

Tartaric Acid

Tartaric Acid is widely used in food products, oral, topical and parenteral pharmaceutical formulations and is generally regarded as a nontoxic and nonirritant material.

In general tartaric acid is also used:

- in beverages, confectionary, food products and pharmaceutical formulations as an acidulant
- as a sequestering agent
- as an antioxidant synergist
- in pharmaceutical formulations with bicarbonates, as the acid component of effervescent granules, powders and tablets

Applications of TAP – Tartaric Acid Pellets

TAP are highly spherical particles optimised for coating and layering processes to achieve reproducible product characteristics.

In extended release pellet formulations TAP can be integrated to reduce the pH-dependency of the drug release therefore achieve the desired dissolution profile.

TAP – Product Types*

Name	Diameter
TAP 200	100 - 350 µm
TAP 400	300 - 500 µm



* other types on specific demand only



Specification TAP 200

Characters	Specification	Test Method
Appearance	White or nearly white particles	Visual
Identification	conform	USP „Tartaric Acid“
Physical Parameters	Specification	Test Method
Particle size distribution	p3 (100 µm, 350 µm) ≥ 85 %	internal
Bulk density	g/ml (information)	Ph. Eur 2.9.15
Identity		
Identification A	conform	USP <191>
Identification B	conform	USP <191>
Chemical Parameters		
Specific optical rotation	between +12.0° and +12.8°	USP <781S>
Loss on drying	≤ 0.5 %	USP <731>
Oxalic acid	no turbidity	USP „Tartaric Acid“
Sulphates	no turbidity	USP <221>
Heavy metals	≤ 10 ppm	USP <231> Method II
Residue on ignition	≤ 0.1 %	USP <281>
Organic Volatile Impurities	Conform	USP <467>
Assay		
Dried substance	99.7 to 100.5 %	USP „Tartaric Acid“
Microbiological Limits	Specification	Test Method
Total viable aerobic count [CFU/g]	< 10 ³	Ph. Eur 2.6.12
Fungi / Moulds and yeasts [CFU/g]	< 10 ²	Ph. Eur 2.6.12
Escherichia coli	absence in 1 g sample	Ph. Eur 2.6.13



Specification TAP 400

Characters	Specification	Test Method
Appearance	White or nearly white particles	Visual
Identification	conform	USP „Tartaric Acid“
Physical Parameters	Specification	Test Method
Particle size distribution	p3 (300 µm, 500 µm) ≥ 85 %	internal
Bulk density	g/ml (information)	Ph. Eur 2.9.15
Identity		
Identification A	conform	USP <191>
Identification B	conform	USP <191>
Chemical Parameters		
Specific optical rotation	between +12.0° and +12.8°	USP <781S>
Loss on drying	≤ 0.5 %	USP <731>
Oxalic acid	no turbidity	USP „Tartaric Acid“
Sulphates	no turbidity	USP <221>
Heavy metals	≤ 10 ppm	USP <231> Method II
Residue on ignition	≤ 0.1 %	USP <281>
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General Information

Packing	20 kg net box / 35cm x 23.5cm x 38cm
Storage	Store in original package, protected from moisture and freezing.
Shelf life	3 Years



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Spherical mannitol compound for ODT formulations in direct compression

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Mannitol Pellets

TAP

Tartaric Acid Pellets

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