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SPECIFICATION SHEET

Rhubarb Powder



General Information

Other Names	: Rhei radix, Rhei Rhizoma
Definition	: Rhubarb consists of the whole or cut, dried underground parts of <i>Rheum palmatum</i> L. or of <i>Rheum officinale</i> Baillon or <i>Rheum tanguticum</i> . The underground parts are often divided; the stem and most of the bark with the rootlets are removed.
Part Used	: Root
Botanical/Scientific Name	: <i>Rheum palmatum</i> L, <i>Rheum tanguticum</i> Maximowicz, <i>Rheum officinale</i> Baillou
GM Status	: Not Genetically modified
Allergen Status	: Not Allergen
Irradiation Status	: Not Irradiation
BSE/TSE Status	: Free
Cultivated/Wild	: Cultivated
Country Of Origin	: China
Harvesting Period	: Spring and Autumn
Treatment After Harvesting	: Drying
Sanitising Treatment After Harvesting	: None
H.S.Code	: 2932.99



ITEMS	SPECIFICATION	METHOD
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Physical & Chemical Data

Macroscopic/microscopic ID	: The appearance is variable: disc-shaped pieces up to 10 cm in diameter and 1 cm to 5 cm in thickness; cylindrical pieces; oval or planoconvex pieces. The surface has a pinkish tinge and is usually covered with a layer of brownish-yellow powder. It shows, especially after moistening, a reticulum of darker lines. This structure causes the marbled appearance of the drug. The fracture is granular. The transverse section of the rhizome shows a narrow outer zone of radiating brownish-red lines. These medullary rays are crossed perpendicularly by a dark cambial ring. Inside this zone is a ring of small star-spot formations of anomalous vascular bundles. The root shows a more radiate structure.
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Appearance & Color	: Yellow Brown Fine Powder With Characteristic Odor
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Analytical Quality

Total ash	: $\leq 12.0\%$	Eur.Ph.
Sieve analysis	: 100% through 80 mesh	USP
Loss on Drying	: $\leq 12.0\%$	Eur.Ph.

Contaminants

Lead (Pb)	: ≤ 2.0 mg/kg	Eur.Ph.
Arsenic (As)	: ≤ 2.0 mg/kg	Eur.Ph.
Cadmium (Cd)	: ≤ 1.0 mg/kg	Eur.Ph.
Mercury (Hg)	: ≤ 0.1 mg/kg	Eur.Ph.
Pesticides Residue	: Meet USP Requirements	USP

Microbiological

Total Plate Count	: ≤ 10000 cfu/g	USP
Yeast & Mold	: ≤ 100 cfu/g	USP
E.Coli.	: Negative	USP
Salmonella	: Negative	USP

Packing & Storage	: Packed in paper-drums and two plastic-bags inside. N.W:25kgs Store in a well-closed container. Away from moisture, light, oxygen.
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Shelf life	: 24 months under the conditions above and in its original packaging.
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