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SPECIFICATIONS

PARMFLOW

Colloidal Silica, anhydrous
conform to Ph. Eur./ USP

Characters	
Appearance	White or almost white, light, fine, amorphous powder, with a particle size of about 15 nm.
Solubility	Practically insoluble in water and in mineral acids except hydrofluoric acid. It dissolves in hot solutions of alkali hydroxides.
Identification	Gives the reaction of silicates.
pH	3.5 to 5.5.
Chlorides (Cl)	250 ppm maximum
Elemental Impurities	Complies with Ph. Eur. Chapter 5.20 and USP <232>
Loss on ignition	5.0% maximum; determined on 0.2 g by ignition in a platinum crucible at 900 ± 50 °C for 2 h. Allow to cool in a desiccator before weighing.
Specific Surface Area	Approx. 200 m ² /g
Assay	99.0 to 100.5%

Storage: At ambient temperature, protected from moisture.

Packaging: 10 kg bag.

Shelf Life: 3 Years.