Par
DRUGS AND CHEMICALS LIMITED

SPECIFICATION SHEET-FINISHED PRODUCT

Material Name: Colloidal Silicon Dioxide USP

CAS No. 7631-86-9			
Mol. Formula	SiO_2	**Mol. Weight**	60.08 gm/mol

Sr. No.	**Test**	**Specification**
1	Description*	White or almost white, light, fine, amorphous powder.
2	Solubility	Practically insoluble in water & in mineral acids except hydrofluoric acid.
3	Identification	A) A deep yellow color is produced. B) A greenish blue spot is produced.
4	pH	3.5 to 5.5
5	Arsenic	Not more than 8 ppm
6	Loss on Drying	Not more than 2.5 %
7	Loss on ignition	Not more than 2.0 %
8	Assay *	99.0 % to 100.5 % of SiO_2