



# AQSIL-PRM

(IP/BP/USP SILICON DIOXIDE PHARMACEUTICAL  
GRADE FOR PRECIPITATED SILICA

## DESCRIPTION

WHITE SPRAY DRIED MILLED POWDER HAVING HIGH PURITY & FINE PARTICLE SIZE FOR USE AS TABLETTING AID FOR PHARMACEUTICAL FORMULATIONS.

## SPECIFICATIONS

Sr. No.	PHYSICO-CHEMICAL PROPERTIES	UNIT	TEST METHOD	MANSIL-PRM
1	Appearance	**	Visual	White Fine Odourless Powder
2	Bulk Density (When packed)	gms/lit.	ISO 787/11	60-100
3	Moisture (at 105°C/2 hrs.)	%	ISO 787/2	2.0 Max
4	Ignition Loss (at 1000°C/2 hrs.), on anhydrous basis	%	ISO 3262/11	1.5 Max
5	pH (5% aqu. suspn.)	**	ISO 787/9	3.5-4.5
6	Avg. Particle Size, d-50 (Malvern)	Micron	ISO 13320-1	6.0-12.0
7	Residue on 325 Mesh (Wet Sieving)	%	ISO 787/7	1.0 Max
8	SiO <sub>2</sub> content on anhydrous basis	%	ISO 3262/19	99.0 Min
9	Soluble Salts	%	ISO 787/13	1.0 Max
10	Iron content (as Fe+3)	ppm	ISO 5794-1, Annex.c	300 Max
11	Heavy Metals	ppm	ICP-AES	25.0 Max
12	Arsenic Content	ppm	ICP-AES	8.0 Max

## Revision No : 01

**APPLICATIONS :** APPLICATIONS : AS TABLETTING AID IN PHARMACEUTICAL FORMULATIONS

PACKING & LOGISTICS	GRADE	NET WEIGHT	SHIPMENT (MT)				
			TRUCK LOAD (MT)	UN PALLETISED		PALLETISED	
				20'FCL	40' FCL	20'FCL	40' FCL
Laminated HDPA Bags with inner LDPE liners	AQSIL-PRM	20	7	5	11	3.84	9.6

**PACKING :** Available in Paper bags, Jumbo bags & EVA bags can also be given as per customer requirement.

**REMARK :** Work Instruction WI-QCP-XX covers SHIVSHAKTI internal Test Methods.



### SHIVSHAKTI CHEMICALS

Mfg. of Precipitated Silica

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