BIMAL PHARMA PVT. LTD.
CIN : U51397MH2002PTC137273
GSTIN : 27AABCB9186E1ZJ

10, Indraprastha 1-C, Raheja Township, Jitendra Road, Malad (East), Mumbai - 97. • Tel.: 2877 6031 / 2877 6639 / 2877 8563 • Fax : 2877 5755 • Email : bimalpha@mtnl.net.in, • Web : www.bimalpha.com

CERTIFICATE OF ANALYSIS

Name of Product : **Silicon Dioxide (Precipitated Silica) (Food Grade)**

Batch No. : **201811170**
Date of Mfg. : **NOV., 2018**
Date of Expiry : **OCT., 2021**

Quantity : 5000 kgs.
Packaging : 20 kgs.
Report Date : **NOV., 2018**

Standards : **Food Grade (E-551)**

Sr. No.	PARAMETERS	SPECIFICATIONS	RESULT
1.	Appearance	Fine, white odorless powder free from signs of impurity.	White free flowing powder
2.	SiO_2, on anhydrous basis	98.50% Mini.	98.85%
3.	Loss on Ignition, on anhydrous basis (at 1000°C for 2 hrs.)	6.0% Maxi.	5.4%
4.	pH (in 5% aqu. Suspn.)	6.0 to 7.0	6.70
5.	Iron Content (Fe+3)	200 ppm maxi	170 ppm
6.	Water absorption	260% Mini.	268%
7.	Soluble Salts	1.0% Maxi.	0.85%
8.	Loss on Drying, (at 105°C, 2hrs.)	6.0% Maxi.	5.50%
9.	Total Heavy Metals (as Lead)	15.0 ppm Maxi	Less than 15 ppm
10.	Arsenic (As) Content	3 ppm Maxi.	Less than 3 ppm
11.	Residue on 325 mesh (wet Sieving)	1.0% Maxi.	0.80%
12.	Bulk Density, Tapped (while Material packed)	80.0 to 130.0 gm /Lit	94 to 100
13.	Average Particle Size – D50 (By Malvern Instrument)	10.0 to 15.0 Microns	Confirms

CONCLUSION : COMPLIES WITH E 551 / FCC VIII / EU DIRECTIVE.

Checked By:

Analyzed by:

BIMAL PHARMA PVT. LTD. Mumbai 400 097.