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CERTIFICATE

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International
Independent Inspection
&
Testing Company

GEO-CHEM LABORATORIES PVT. LTD.

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TEST CERTIFICATE

Certificate No. : MISC/18/12/005324

Date : 29/12/2018

Party's Name & Address : RECONS BLDG. PROD. P. LTD.

Party's Letter Ref. No. & Date : LETTER DATED 12/12/2018

Sample Described as : NOVA SUPERFINE

Date of Receipt of Sample : 18/12/2018

Date/s of Analysis : 21/12/2018 - 28/12/2018

Tested to Specification : ---

Stamped / Sealed By : ---

Analysis No. : MISC/18/12/005324

Sample ID Mark : NOVA SUPERFINE (DECEMBER - 2018)
(as described by Party)

TEST	METHOD/TECHNIQUE	RESULTS	UNIT OF MEASURE
<u>ANALYSIS CARRIED OUT ON AS RECEIVED BASIS :</u>			
SILICA (SiO ₂)	REF. IS : 1727 - 1967	34.44	%
CALCIUM OXIDE (CaO)	REF. IS : 1727 - 1967	41.12	%
MAGNESIUM OXIDE (MgO)	REF. IS : 1727 - 1967	4.62	%
ALUMINA (Al ₂ O ₃)	REF. IS : 1527 - 1972	14.37	%
MANGANESE (MnO ₂) (x 'Mn')	I C P	0.35	%
SULPHATE (SO ₄)	REF. IS : 1727 - 1967	1.11	%
CHLORIDE (Cl)	REF. IS : 4032 - 1985	0.005	%
LOSS ON IGNITION @ 1000°C	REF. IS : 1727 - 1967	Weight increases --- After Heating	

SAMPLE NOT DRAWN BY
GEO-CHEM LABS

For GEO-CHEM LABORATORIES PVT. LTD.

PRIYA NAVALKAR
LABORATORY MANAGER

SS

PROFORMA NO. : GC-MLD/QF/5.10/03

ISSUE NO. : 02

REVISION NO. : 00

PAGE NO. : 1 OF 1

* This is not included in our NABL scope of accreditation.

1. Test Results related only to the sample(s) tested.
2. Test certificate in full or part shall not be reproduced unless written permission is obtained from M/s. Geo-Chem Laboratories Pvt. Ltd.
3. Geo-Chem Laboratories Pvt. Ltd. is not responsible for the authenticity of photocopied or computer scanned reports / certificates.

This inspection / testing has been performed to the best of our ability and our responsibility is limited to proven negligence. This certificate, which is issued on conditions stipulated overleaf, reflects our findings at the time and place of inspection / testing and does not relieve parties from their contractual obligations. Samples will be retained by us for a period of thirty days only, unless specific instructions to the contrary are received.



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No 082714



MASTERSIZER



Result Analysis Report

Sample Name:
RECONS BLDG. PROD. P. LTD.
Sample Source & type:
Supplier = NOVA SUPERFINE
Sample bulk lot ref:
12/03/2017/Night/55%

SOP Name:
Measured by:
Ashish
Result Source:
Averaged

Measured:
Monday, March 20, 2017 1:11:27 PM
Analysed:
Monday, March 20, 2017 1:11:28 PM

Particle Name:
NOVA SUPERFINE
Particle RI:
1.500
Dispersant Name:
Distilled water

Accessory Name:
Hydro 2000S (A)
Absorption:
0.1
Dispersant RI:
1.330

Analysis model:
General purpose
Size range:
0.020 to 2000.000 μm
Weighted Residual:
2.495 %

Sensitivity:
Normal
Obscuration:
14.18 %
Result Emulation:
Off

Concentration:
0.0064 %Vol

Span :
1.886

Uniformity:
0.577

Result units:
Volume

Specific Surface Area:
2.51 m^2/g

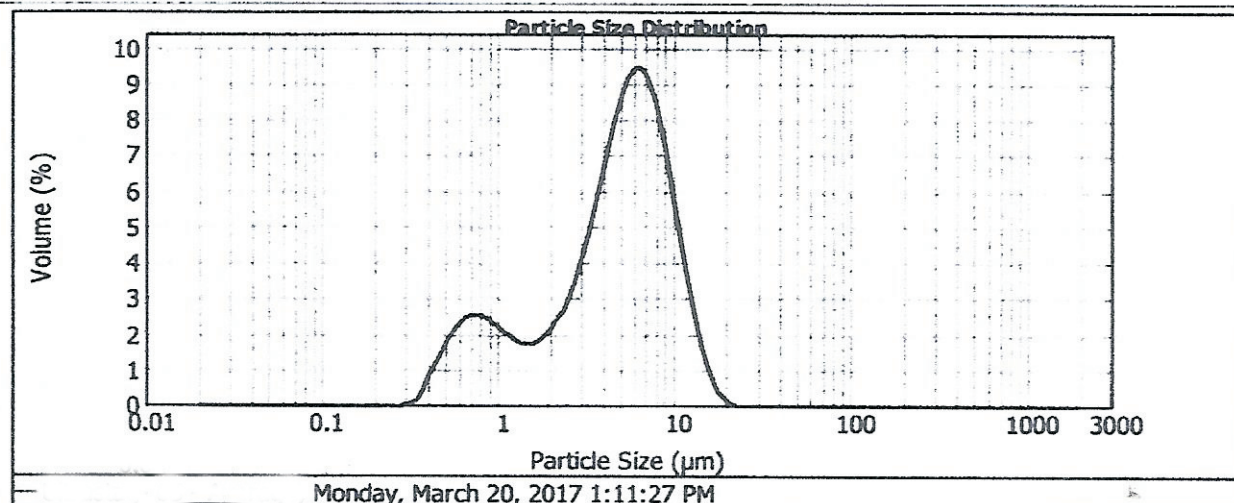
Surface Weighted Mean D[3,2]:
2.388 μm

Vol. Weighted Mean D[4,3]:
5.320 μm

d(0.1): 0.827 μm

d(0.5): 4.939 μm

d(0.9): 10.145 μm



Size (μm)	Vol Under %	Size (μm)	Vol Under %	Size (μm)	Vol Under %	Size (μm)	Vol Under %	Size (μm)	Vol Under %	Size (μm)	Vol Under %
0.010	0.00	0.105	0.00	1.098	14.21	11.482	94.09	120.225	100.00	1258.925	100.00
0.011	0.00	0.120	0.00	1.259	15.98	13.183	97.06	138.038	100.00	1445.440	100.00
0.013	0.00	0.138	0.00	1.445	17.58	15.135	98.83	158.488	100.00	1659.587	100.00
0.015	0.00	0.158	0.00	1.680	19.13	17.378	99.68	181.970	100.00	1805.461	100.00
0.017	0.00	0.182	0.00	1.905	20.81	19.853	99.84	208.830	100.00	2167.782	100.00
0.020	0.00	0.208	0.00	2.188	22.78	22.938	100.00	239.883	100.00	2511.888	100.00
0.023	0.00	0.240	0.00	2.512	25.21	26.303	100.00	275.423	100.00	2894.032	100.00
0.029	0.00	0.275	0.00	2.884	28.30	30.200	100.00	316.228	100.00	3311.311	100.00
0.030	0.00	0.316	0.01	3.311	32.27	34.674	100.00	363.078	100.00	3801.894	100.00
0.035	0.00	0.383	0.13	3.802	37.31	39.811	100.00	418.889	100.00	4365.168	100.00
0.040	0.00	0.417	0.74	4.385	43.51	45.708	100.00	478.830	100.00	5011.572	100.00
0.046	0.00	0.479	1.89	5.012	50.82	52.481	100.00	548.541	100.00	5754.380	100.00
0.052	0.00	0.550	3.53	5.754	58.97	60.258	100.00	630.857	100.00	6806.534	100.00
0.060	0.00	0.631	5.56	6.607	67.50	68.183	100.00	724.436	100.00	7585.776	100.00
0.069	0.00	0.724	7.80	7.586	75.82	78.433	100.00	831.764	100.00	8708.626	100.00
0.079	0.00	0.832	10.09	8.710	83.29	91.201	100.00	954.993	100.00	10000.000	100.00
0.091	0.00	0.955	12.25	10.000	88.45	104.713	100.00	1095.478	100.00		

Operator notes: Stirrer Speed 2000 rpm ✓
PRLPL/16-17/C/01286