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SPECIFICATION

Name : GRAPHENE OXIDE (GO)	Cas No :1034343-98-0
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SR NO.	TEST	SPECIFICATION
1	Description	Greyish black colour
2	Purity (%)	Not less than 99.0 %
3	Odour	Odourless
3	Thickness	3-6 nm
4	Bulk Density	0.3-0.5 gm/cc
5.	Specific Area	300-800 m ² /gm
6.	Avg. No. Of Layer	4-8 layers
7.	Diameter	10-50 µm
8.	Carbon (C)	55.75 %
9.	Oxygen (O)	36.55%
10.	Hydrogen (H)	2.45%
11.	Nitrogen (N)	4.65 %
12.	Sulphur (S)	0.6 %

Application & Use :

- Batteries ,Super Capacitors, Sensor.
- Adsorption, Separation.
- Detection, Polymer Composite.
- Solid Phase Extraction.
- Load Catalysis.
- Solar Cell, Biomedical.