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REPORT OF SAMPLING AND ANALYSIS

JOB FILE NO. IN/CHN/MIN/201800137 - BO: 2014439

DATE: 17.10.18

CARGO DESCRIBED AS BARITE POWDER

In accordance with the instructions received vide letter dated 13.10.18, we attended to inspection / sampling of captioned cargo and report as under :

SELLER (As furnished) PR Minerals & Chemicals 7/586, Surva Nagar,

R.S Road, Rly Kodur, YSR (Dist) 516101

QUANTITY (as declared)

108 MTS (72 Bags)

PLACE & DATE OF

At Mangampet / Kodur Mills

SAMPLING

On 16.10.18

PACKING

Packed in 1.5 MT jumbo bag with inner liner and tied.

MARKS ON BAGS

BARITE POWDER - API NET WT : 1.5 MTS BATCH NO. : EXP DATE : MADE IN INDIA

SAMPLING

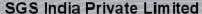
The above quantity was offered in 2 lots. 10% of the bags were randomly selected and samples were drawn using sampling probe to the maximum possible extent at the referred place.

Collected such lot samples were thoroughly mixed, reduced, composited, packed in 5 packets per lot, tagged with sampling details and strip sealed with No. IND 044945 to IND 044949.

Sample distribution:

2 strip sealed samples were forwarded to our in-house laboratories for analysis and

Balance strip sealed samples will be retained by us for a period of two months from the date of this Report issuance unless otherwise instructed.



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WEIGHT CHECK

10% of bags were randomly selected and individually check weighed on an electronic weighing scale and recorded the weights. Based on check weight, the ascertained average Gross weight per bag was found to be 1504.75 kg.

Note: Calibration certificate of weighing scale used for check weighment not provided.

INSPECTION IDENTIFICATION

Sampled bags only stenciled with

SGS CHN MIN 28

ANALYSIS

Carried out in SGS India Chennai laboratory with results as under:

1)	Density (API 13A/ISO 13500 : 2009)	4.212	g/ml
	Water soluble alkaline earth metals as Calcium (API 13A/ISO 13500 : 2009)	36	mg/kg
	Residue greater than 75 microns (API 13A/ISO 13500 : 2009)	1.03	% (w/w)
4)	Total Barium as BaSO4 (API 13K Spec 18th Edition)	91.21	% (w/w)
5)	Magnesium as MgO (API 13K)	0.12	% (w/w)
	Particles less than 6 µm, in equivalent spherical diameter (using particle size analyzer)	23.24	%

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This report reflects our findings at the place and date of attendance as referred above.

India Private Limited,

SGS India Private Limited

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