



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

**QUANTITY (as declared)** 108 MTS (72 Bags)

**PLACE & DATE OF SAMPLING** At Mangampet / Kodur Mills  
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.

**SGS India Private Limited**

BNT Connections Buildings, 28 B/1, 28 B/2

Second Main Road,

Ambattur Industrial Estate

Chennai 600058

t: +91 44 66081600 +91 44 66081700



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

The findings of the stored Goods inspection contained herein (the "Findings") strictly relate to and cover examination of part or parts of the Goods safely accessible for inspection in accordance with the client's instructions. The Findings only relate to the time and place of inspection and do not constitute nor are intended to constitute evidence of the existence of part or all of the Goods prior to and after the time of inspection. SGS does not control the storage place of the Goods nor has any responsibility for the storage, custody and safety of the Goods. SGS does not guarantee nor make any representation about i) the accuracy and authenticity of the documents presented by the operator of the storage place (if any); ii) ownership of and title to the Goods; iii) quantity and quality of the Goods. SGS accepts no liability for the consequences of any action taken or not taken on the basis of this certificate/report.

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



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for SGS India Private Limited,

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