



Hai Phong City, Date: 21 February 2020

## ANALYSIS REPORT

REF. NO.: 245436.1

COMPANY: Barite Quang Trung Lao Sole Co., LTD

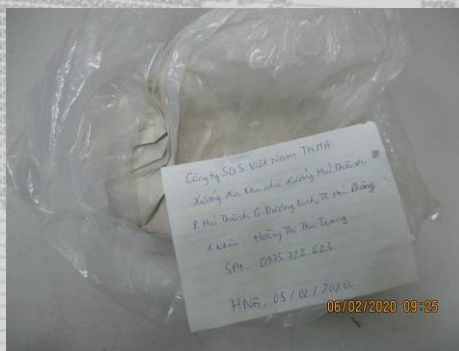
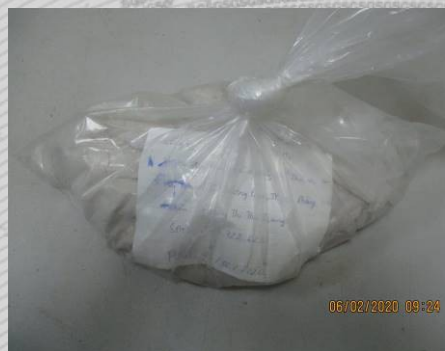
Date received: 12 Feb., 2020

Address: NoongMa village, Boualapha district, Khammuane province, Lao PDR

Date reported: 21 Feb., 2020

One (1) sample said to be “API Grade Barite Powder” with following attached label, was received from the above company.

## MARKING:



On analysis of the sample, the following results as lab reports no. HPM20-07548 R0 & O20-3.00065 were obtained:

| Parameter                                                       | Test method                   | Unit              | Result                               |
|-----------------------------------------------------------------|-------------------------------|-------------------|--------------------------------------|
| Density                                                         | API 13A-2019<br>Section 7.3   | g/cm <sup>3</sup> | 4.35 (Four decimal three five)       |
| BaSO <sub>4</sub> (Uncorrected<br>SrSO <sub>4</sub> )           | API 13K-2016                  | %                 | 94.43 (Nine four decimal four three) |
| Water Soluble Alkaline<br>Earth Metals as Calcium               | API 13A-2019<br>Section 7.6   | mg/kg             | 20 (Two zero)                        |
| Residue greater than 75<br>µm                                   | API 13A-2019<br>Section 7.8   | %wt               | 2.10 (Two decimal one zero)          |
| Particles less than 6 µm<br>in equivalent spherical<br>diameter | API Spec 13A<br>(R2015)-Sec 7 | %wt               | 20.6 (Two zero decimal six)          |



## SGS Vietnam Ltd.

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**REMARK:**

1. The results are shown in this document refer only to the sample(s) received and tested and not intended to be representative of any lot, cargo or shipment.
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**SGS VIETNAM LTD.**

**Nguyen Xuan Bach**



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