



**CERTIFICATE OF QUALITY AND WEIGHT**

REF: BO 2057575/95		DATE: 08.11.2022
COMMODITY DESCRIBED AS	: SILICO MANGANESE	
(As per B/L)	MN: 60PCT MIN AND SI: 14PCT MIN	
SIZE	: 10 – 150 MM (90 PCT. MIN)	
QUANTITY (As Per Suppliers Works)		
PACKING	: IN 1 MT JUMBO BAGS [non-standardized]	
COUNTRY OF ORIGIN	: INDIA.	
B/L NO.		
CONSIGNEE (As per B/L)	: TO ORDER	
NOTIFY PARTY (As per B/L)		
SHIPPER/SELLER	: BERRY ALLOYS LIMITED. PLOT NO .368, APIIC GROWTH CENTER, BOBBILI, DIST : VIZIANAGARAM -535558, [A.P], INDIA.	
PORT OF LOADING	: VISAKHAPATNAM PORT, INDIA	
PORT OF DISCHARGE		
WEATHER CONDITION	: SUNNY	
PLACE AND DATES OF ATTENDANCE	: On 31.10.2022 and 01.11.2022 for sampling, sieve analysis, sample preparation, container stuffing, weighment supervision and container sealing at Manufacturer works, Bobbili.	

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We have attended at the request of Shipper M/s Berry Alloys Limited, for sampling and analysis and container stuffing supervision for above designated cargo and we certify as under:

Upon arrival at the places of inspection, the cargo of Silico Manganese was offered in 1MT jumbo bags [non-standardized] condition stacked within the work’s premises.

**SAMPLING:** Sampling and inspection method by followed with reference to ISO 4551 and 4552-1. Sample increments were collected by random selecting 10% from total offered consignment in jumbo bags (non-standardized) at Manufacturer works, Bobbili on 31.10.2022, sampling does not reflect to the total offered consignment and random selected and sample collected jumbo bags were sealed with plastic strip seals, requisite number of increments were collected for size and quality. Samples thus collected were subjected to sieve analysis and processed further as per SOP: No. SO-IN-MIN-TE-24/Ver1.0/11.08.2014. Sample Preparation: Total Gross sample manually--- crush to 10mm---divide by IR ---crush to 5mm – divide by IR ---crush to 2.8mm----divide by IR ---crush to 1 mm ---divide by IR and Pulverise to 150micron.

A total of five sample packets was prepared for quality at Manufacturer plant premises Bobbili on 01.11.2022 and sealed with our Holographic sticker seal no: INMIN00121206 to 121210. Two sealed sample packets was handed over to party and one sealed sample packet was submitted to in-house laboratory for analysis and remaining sealed sample packet was kept with us for future reference of 60days from the date of certificate.

**SGS India Private Limited**  
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*“The manual sampling method was agreed with the SGS Principal, as sampling by more reliable methods was not possible. Sampling of this type does not satisfy the requirements for probability sampling. The suitability of this sampling method is defined by the standard”.*

**SIZE ANALYSIS:** Sieves were used for size analysis and the results obtained are as follows:

Above 150MM : 3.10% (Three Decimal One Zero)  
 Between 10 to 150MM : 92.70% (Ninety-Two Decimal Seven Zero)  
 Below 10MM : 4.20% (Four Decimal Two Zero)

*“The consignment from which the samples were collected had a nominal top size of over 80 millimeter. While the sampling method was agreed upon by all parties to this report, due to the limited ability to extract representative increments from the cargo, the samples collected will not necessarily be representative of the entire cargo. SGS has no responsibility and / or liability for the consequences of any action taken or not taken on the basis of this certificate / report”.*

10% Randomly selected and sample collected 08 jumbo bags out of jumbo bags seal no’s from 155337 to 155344.

**CHEMICAL ANALYSIS:** One composite sample was analysed in our in-house laboratory Mn & Si as per ISO 4159 / 4158 : 1978 (E) & P as per IS 1559 :1961 Reaff 2018 and for C & S as per ASTM - E 1019 : 2018 By LECO we have analysed and the results obtained are as under:

Parameters	Results Reported
Mn	63.56PCT (Sixty-Three Decimal Five Six)
Si	14.90PCT (Fourteen Decimal Nine Zero)
C	2.226PCT (Two Decimal Two Two Six)
P	0.273PCT (Zero Decimal Two Seven Three)
S	0.022PCT (Zero Decimal Zero Two Two)

**CONTAINER STUFFING DETAILS:** Further we have attended for delivery supervision of sealed 1MT jumbo bags(non-standardized) in following containers at Manufacturer works, Bobbili on 31.10.2022, and details are as under:

Si.No.	Container Numbers	No. of Jumbo Bags	SGS Container Seal Numbers
1			
2			
3			
	<b>TOTAL</b>		

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**SUPERVISION OF WEIGHMENT:** Further we have attended for supervision of container weighment along with trucks at Manufacturer works, Bobbili on 31.10.2022, based on the weighment attendance, the gross and net quantity arrived for (non-standardized) jumbo bags is as under:

GROSS QUANTITY ARRIVED (Including jumbo bags Weight)	MTS
LESS: JUMBO BAGS WEIGHT	MTS
NET QUANTITY ARRIVED. (Without jumbo bags weight)	MTS

*The inspection was done as per request of supplier as applicant and as per documents received from the supplier.*

*This certificate has not been issued in the replacement of SONCAP and was issued commercially as per request of seller and his required scope of inspection.*

*Containers were sealed at site as per the client instruction, which then transported to destination at client's custodian. SGS's liability is limited only to execute the agreed scope as stated above on the date and time, and not any other form of guarantee.*

*"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." The above reflects our findings at time and place of inspection. This certificate does not relieve Sellers/Suppliers from their contractual responsibilities nor does prejudice buyer's right of claim towards Seller/Supplier for compensation for any apparent and/or hidden defects not detected during our random inspection or occurring thereafter.*



**For SGS INDIA PRIVATE LIMITED.**



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