

Test Report

Report Number: AGT201200144TJ-1

Applicant: STAR GRACE MINING CO., LTD.
29-67, No.929, Xinan Road, Shahekou District, Dalian, Liaoning,
China

Date: 2020/12/25

Sample Description:

Sample Name : Magnesium Nitrate Hexahydrate (Flake)
Test Purpose : Entrust Test
Sample Specification : 500g
Manufacturer : STAR GRACE MINING CO., LTD.
Production Date : 2020.12
Batch No./Code : SG202012
Brand : STAR GRACE
Note : SG-MNY-12657-15

Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

To be continued

Authorized By:

陈莉莉

ChenLili
Technical Manager
Intertek Testing Services (Tianjin) Ltd.
Qingdao Branch

Intertek Testing Services (Tianjin) Ltd. Qingdao Branch
Block 11, No.177 Zhuzhou Road, Qingdao, Shandong, China
天祥(天津)质量技术服务有限公司青岛分公司
中国 山东省青岛市崂山区株洲路 177 号 11 号楼 邮政编码:266101
Telephone:+86 532 80993378 Facsimile:
www.intertek.com www.intertek.com.cn



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1 Test Result:

No.	Test Item	Unit	Test Method	LOQ	Result	Specification
1.	Magnesium Oxide(MgO)	%	GB/T 19203-2003	--	15.71	15 min
2.	Nitrogen	%	GB/T 22923-2008	--	10.82	10 min
3.	Pb	mg/kg	NY/T 1978-2010	1	N.D.	10max
4.	Cd	mg/kg	NY/T 1978-2010	1	N.D.	10max
5.	Hg	mg/kg	NY/T 1978-2010	1	N.D.	10max
6.	As	mg/kg	NY/T 1978-2010	1	N.D.	10max
7.	Solubility in water at 20℃ (as Mg(NO ₃) ₂ ·6H ₂ O)	g/L	In House Method	--	2504.3	--
8.	pH	--	NY/T 1973-2010	--	5.21	--
9.	*CRH(at 30℃)	%	In House Method	--	55~60	--

Remark:

LOQ = Limit of quantity;

N.D. =Not detected (less than LOQ.);

Specification: with reference to the requirement from client;

*The test was carried out by external laboratory

Date Sample Received: 2020/12/18

Testing Period: 2020/12/18~ 2020/12/25

End of Report

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Without consent of the testing organization, the clients shall not be unauthorized use of test results for improper propaganda.

The testing results are only valid for the sample tested. The testing results are only for the reference of testing research, can not be used as social justice data.

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Block 11, No.177 Zhuzhou Road, Qingdao, Shandong, China
天祥(天津)质量技术服务有限公司青岛分公司
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Telephone:+86 532 80993378 Facsimile:
www.intertek.com www.intertek.com.cn

