



**BUREAU  
VERITAS**

CONSUMER PRODUCTS SERVICES DIVISION

## TEST REPORT

**Report No.** (8517)102-0258 **Date** 2017-04-25

Date of submission: 2017-04-12 Page 1 of 3

Client: Yantong Potassium Group Co., Ltd

Address: 34/F, China Resource Building, No.6, Tower A, Shandong Road, Qingdao

Contact Person: LOCO LIU

Sample Description: POTASSIUM NITRATE

Batch No: 20170410 Country of Origin: NA

Supplier: NA Sampling Date: 2017-4-10

Style: NA Testing Period: 2017-04-12 to 2017-04-25

Other Information: NA Standard of Product: KS 2425:2016

**Conclusion: Sample conforms to the requirements of standard: KS 2425:2016 with respect to the test items.**

### EXECUTIVE SUMMARY

The sample(s) was tested to the following requirement(s) according to the specifications provided by client, and the data provided is for informational purposes only.

BUREAU VERITAS SHENZHEN CO.,LTD

*Shadow Gao*  
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Supervisor  
HBHF Department



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**Sample Description:**

Sample Number	Sample Name
1	POTASSIUM NITRATE

**Results:**

Sample Number	Test Item and units	Regulation	Result	Report Limit	KS Limit	Single Judgment
1	Appearance	KS 2425:2016	Water soluble	—	shall be free flowing, in form of granules, pellets, crystals or prill sand shall not cake on storage. shall be fully soluble in water	PASS
	Moisture, %		0.12	—	≤0.5	PASS
	Total nitrogen, %		13.6	—	≥13.0	PASS
	Potassium(as K <sub>2</sub> O), %		46.9	—	≥46	PASS
	Water insoluble, %		0.010	—	≤0.05	PASS
	pH,10%sloution		9.87	—	7-11	PASS
	Total chloride(as Cl), %		0.020	—	≤1.5	PASS
	Sodium(as Na), %		0.016	—	≤1.0	PASS
	As, mg/kg		Not detected	0.10	≤20.0	PASS
	Cd, mg/kg		Not detected	0.05	≤7.0	PASS
	Hg, mg/kg		Not detected	0.10	≤0.1	PASS
	Se, mg/kg		Not detected	0.50	≤1.0	PASS
	Pb, mg/kg		0.21	—	≤30.0	PASS
	Cr, mg/kg		Not detected	0.50	≤500.0	PASS
Marking and labelling	Meet	—	Meet	PASS		

**Photo**



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