

## LANGFANG NABO CHEMICAL TECHNOLOGY CO., LTD

### Certificate of analysis

No. NBCOA20210418-07

English name	Aluminum potassium sulfate dodecahydrate		
Molecular formula	KAl(SO <sub>4</sub> ) <sub>2</sub> •12H <sub>2</sub> O	Molar weight	474.38
Sample source	NABOCHEM	Lot number	20210418
Appearance	Colorless transparent crystal		
Sampling date	Apr 19,2021	Report date	Apr 21,2021
Test items		Test standards	Test results
Assay[KAl(SO <sub>4</sub> ) <sub>2</sub> • 12H <sub>2</sub> O] /%		≥99.5	99.6
pH(50g/L,25℃)		3.0-3.5	3.2
Clarity of solution		Passes test	Pass
Water insoluble /%		≤0.005	0.003
Chloride(Cl) /%		≤0.000 5	0.000 3
Ammonium(NH <sub>4</sub> ) /%		≤0.005	0.002
Arsenic(As) /%		≤0.000 05	Not detected
Sodium(Na) /%		≤0.02	0.008
Iron(Fe) /%		≤0.001	0.000 7
Heavy metal(as Pb) /%		≤0.000 5	0.000 1
Conclusion: Up to grade		Analyst: Chen S.Q.	Responsible person: Ma Z.X.
Remarks: AR			