

## LANGFANG NABO CHEMICAL TECHNOLOGY CO., LTD

### Certificate of analysis

No. NBCOA20210313-03

English name	Ammonium ferrous sulfate hexahydrate		
Molecular formula	$(\text{NH}_4)_2\text{Fe}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$	Molar weight	392.14
Sample source	NABOCHEM	Lot number	20210313
Appearance	Light blue green crystal		
Sampling date	Mar 14,2021	Report date	Mar 16,2021
<b>Test items</b>			
<b>Test items</b>		<b>Test standards</b>	<b>Test results</b>
Assay $[(\text{NH}_4)_2\text{Fe}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}]$ /%		$\geq 99.5$	99.9
pH(50g/L,25℃)		3.0-5.0	3.6
Water insoluble /%		$\leq 0.005$	0.003
Chloride(Cl) /%		$\leq 0.001$	0.000 8
Phosphate( $\text{PO}_4$ ) /%		$\leq 0.000 5$	0.000 3
Manganese(Mn) /%		$\leq 0.05$	0.032 8
Ferric iron( $\text{Fe}^{3+}$ ) /%		$\leq 0.01$	0.008
Copper(Cu) /%		$\leq 0.002$	0.000 3
Zinc(Zn) /%		$\leq 0.003$	0.002 2
Lead(Pb) /%		$\leq 0.002$	0.001
Ammonia water does not precipitate(as $\text{SO}_4$ ) /%		$\leq 0.1$	0.03
Conclusion: Up to grade		Analyst: Chen S.Q.	Responsible person: Ma Z.X.
Remarks: AR			