

Nanjing Chemical Reagent Company Ltd.

**Certificate of Analysis**

(NS/R—08—03—09)

No 1701354

Name	Manganese Acetate	Samples from	No.3 Factory	Sampling Quantity	500g x 3 bottles
Grade	Specialized	Quantity	20kg x 55 bags	Sampling Validity	3 Months
Batch No.	170119030N	Specification	Q/320116NJSJ 071	Received Date	2017-1-19

Test Result

No.	Testing Items	Unit	Standard Values	Testing Values
1	Appearance		Pink Crystal	Pink Crystal
2	Assay ( $Mn(CH_3COO)_2 \cdot 4H_2O$ )	w/%	$\geq 99.0$	99.8
3	pH value (50g/L, 25°C)		6.0~7.5	6.9
4	Water insoluble	w/%	$\leq 0.01$	0.006
5	Chloride (Cl)	w/%	$\leq 0.002$	<0.002
6	Iron (Fe)	w/%	$\leq 0.002$	<0.002
7	Copper (Cu)	w/%	$\leq 0.001$	<0.001
8	Nickel (Ni)	w/%	$\leq 0.08$	<0.08
9	Alkali metal and alkaline earth metals	w/%	$\leq 0.30$	

Conclusion: Qualified



QC Department

Inspected by: LL Yang Checked by: JL Li

Approved by: H. Wang