

*CERTIFICATE OF ANALYSIS*

Product	Manganese Chloride Tetrahydrate	Date	2019.03.02
Quantity	18 Mts	Standard	HG/T 3816-2006
Item		standard value	testing
Appearance		Rose crystal	Rose crystal
Water insoluble matter	%	$\leq 0.8$	0.42
Purity	%	98.0	98.52
Pb <sup>2+</sup>	ppm	$\leq 15$	9.55
SO <sub>4</sub> <sup>2-</sup>	ppm	$\leq 100$	89.02
Fe <sup>3+</sup>	ppm	$\leq 15$	9.24
Ca <sup>2+</sup>	ppm	$\leq 500$	428.63
Mg <sup>2+</sup>	ppm	$\leq 500$	352.03
Ni <sup>2+</sup>	ppm	$\leq 15$	8.44
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Conclusion:

Heavy metal testing equipment: TAS990

Temperature: 23°C

Relative humidity: 60%

Batch number: T190302-1