

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **Manganese nitrate solution**  
Specifications & Purity: Analytical Reagent, 50 wt. % in H<sub>2</sub>O  
SKU #: **M112457**

Parameter	Limit Values
Alkali and alkali earth metals	0-0.1 (%)
Zinc(Zn)	0-0.02 (%)
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.01 (%)
Assay[Mn(NO <sub>3</sub> ) <sub>2</sub> ]	49-51 (%)
Heavy metal (as Pb)	0-0.001 (%)
Chloride (Cl <sup>-</sup> )	0-0.001 (%)
Iron(Fe)	0-0.0005 (%)
Insoluble matter in H <sub>2</sub> O	0-0.005 (%)
Appearance (M112457)	colorless to clear , pink to red liquid