

## Certificate of Analysis

2018/11/2

Product Name: DL-methionine  
CAS: 59-51-8  
Batch No.: 4340359-51-8  
MFG Date: 2018-10-30  
EXP Date: 2020-10-29

Items	Standard	Result
Character	White crystals or crystalline powder	Conformed
Assay	99.0%~101.0%	99.98%
Heavy Metal (Pb)	≤0.002	Conformed
pH	5.6~6.1	5.78%
Loss on drying	≤0.3	0.21%
Residue on ignition	≤0.1	0.03%
Chloride (Cl)	≤0.02	0.02%
Sulfate (SO <sub>4</sub> )	≤0.02	0.012%
Iron(Fe)	≤0.001	Conformed
Arsenic(As <sub>2</sub> O <sub>3</sub> )	≤0.0001	Conformed
Ammonium(NH <sub>4</sub> %)	≤0.02	Conformed

Conclusion: Conformed to the standard of GB/T 17810-2009.

Inspector: Zhang Jiahui

Technical manager: Zhang Peng

