

HEBEI CHANGHAO BIOTECHNOLOGY CO., LTD
河北昌昊生物科技有限公司
ADD: EAST OF YUELIANG VILLAGE, JIZHOU TOWN, JIZHOU DISTRICT, HENGSHUI CITY,
HEBEI PROVINCE, CHINA

Specification of L-Methionine

Items	Specification	Standard
Appearance	White crystals or crystalline powder	USP
Assay,%	98.5~101.5	
Identification	Infrared absorption	
Optical rotation	+22.4° ~+24.7°	
PH value (5% in water)	5.6~6.1	
Loss on drying,(100-105°C)%	≤0.3	
Residue on ignition,%	≤0.4	
Sulfate,%	≤0.03	
Chloride,%	≤0.05	
Iron, %	≤0.003	
Heavy metals,%	≤0.0015	
Chromatographic purity,%	Individual impurity ≤0.5 Total impurities ≤2.0	
Organic volatile impurities	Meets the requirements	
Arsenic, ppm	≤1	
Related substance	Meets with the requirements	
Shelf Life	2 years	
Storage Condition	Keep in Dry and Clean	

