

L-Glutathione reduced Specification

Items 项目	Specifications 规格	Inspection Methods 检验方法
Appearance 外观	White to off-white crystalline powder 白色或类白色结晶粉末	USP 43
Identification 鉴别	The infrared absorption spectrum is consistent with that of the standard 红外吸收光谱与标准品的红外吸收图谱一致	USP 43
Optical rotation 比旋度	-15.5°~ 17.5°	USP 43
Solubility 溶解度	Freely soluble in water, very slightly soluble in ethanol and in methylene chloride 易溶于水，极微溶于乙醇和二氯甲烷	USP 43
Chlorides 氯化物	≤ 200 ppm	USP 43
Sulfates 硫酸物	≤ 300 ppm	USP 43
Ammonium 铵盐	≤ 200 ppm	USP 43
Residue on ignition 炽灼残渣	≤ 0.5%	USP 43
Loss on Drying 干燥失重	≤ 2.0%	USP 43
Iron 铁	≤ 10 ppm	USP 43
Total Heavy Metals 总重金属	≤10 ppm	USP 43
As 砷	≤ 2 ppm	USP 43
Cd 镉	≤ 1 ppm	USP 43
Pb 铅	≤ 3 ppm	USP 43

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Hg 汞	White to off-white crystalline powder 白色或类白色结晶粉末	USP 43
Bulk density 松密度	The infrared absorption spectrum is consistent with that of the standard 红外吸收光谱与标准品的红外吸收图谱一致	USP 43
Tapped density 紧密度	-15.5°~ 17.5°	USP 43
Total place count 细菌总数	Freely soluble in water, very slightly soluble in ethanol and in methylene chloride 易溶于水，极微溶于乙醇和二氯甲烷	USP 43
Yeast and mold count 酵母、霉菌	≤ 200 ppm	USP 43
Salmonella 沙门氏菌	≤ 300 ppm	USP 43
Total 总杂	≤ 200 ppm	USP 43
GSSG 氧化型谷胱甘肽	≤ 0.5%	USP 43
Assay 含量	≤ 2.0%	USP 43