



RZBC (JUXIAN) CO., LTD.

NO.209,LAIYANG ROAD, JUXIAN ECONOMIC DEVELOPMENT ZONE,
276500 RIZHAO, SHANDONG, CHINA

TEL: +86-633-2163519

<http://www.rzbc.com>

FAX: +86-633-2163500

E-mail:sales@rzbc.com

Magnesium Citrate Specification

USP/EP

Product Name	Magnesium Citrate Nonahydrate $\text{Mg}_3(\text{C}_6\text{H}_5\text{O}_7)_2 \cdot 9\text{H}_2\text{O}$
Molecular Weight	613.25
Solubility	Sparingly soluble in water, practically insoluble in ethanol. It dissolves in dilute hydrochloric acid.
CAS No.	153531-96-5
E-No.	/

Characteristics	White or almost white, fine powder.
Identification	Conforms
Appearance of solution	Conforms
Assay (Mg)	15.0-16.4%
Loss on drying	24.0-28.0%
pH (5% solution)	6.0-8.5
Oxalate	$\leq 280\text{ppm}$
Chloride	$\leq 0.05\%$
Sulfate	$\leq 0.2\%$
Iron	$\leq 100\text{ppm}$
Calcium	$\leq 0.2\%$
Arsenic	$\leq 3\text{ppm}$

This product meets the requirements of the latest edition of the United States Pharmacopoeia (USP) and European Pharmacopoeia (EP).

Storage: Store in a cool and dry place.

Shelflife: Two years.