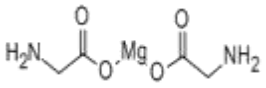
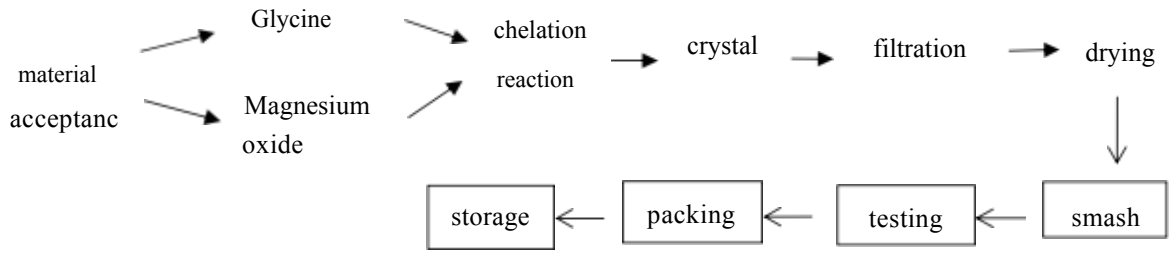
宿迁市润镁生物营养技术有限公司
Suqian Runmag Biological Nutritions Co., Ltd.

MAGNESIUM BIS GLYCINATE TDS

甘氨酸镁化学技术数据单 Magnesium Bisglycinate chemical technical data sheet			
产品名称 product name	甘氨酸镁 Magnesium Bis glycinate		
分子式 Magnesium Bisglycinate	$Mg(OOCCH_2NH_2)_2$	海关编码 HS CODE	29224999.90
分子量 molecular weight	172.3	联合国编码 UN number	N/A
美国化学文摘社编号 CAS NO	14783-68-7	产品编码 Product code	MBG1133
国际海运危险货物规则页码 The international maritime dangerous goods code page	N/A	结构式 structural formula	
有效期shelf life	24months		
欧洲现有商业化学品目录编号 EINECS	238-852-2		
化学物质毒性数据库编号 The toxicity of chemicals database code	N/A		

ITEM	STANDARD		TEST METHOD
外观 appearance	白色结晶粉末 white crystal powder		Visual
Assay (Anhydrous basis)	%	≥99.0	Internal
Magnesium	%	11- 14	USP
Heavy metal	Ppm	≤20	USP

Loss on drying	%	≤7.0	USP41<731>
Arsenic	ppm	≤1	USP41<232>/<233>
Lead	ppm	≤1	USP41<232>/<233>
Cadmium	ppm	≤0.5	USP41<232>/<233>
Mercury	ppm	≤0.1	USP41<232>/<233>
PH		8.0-11.0	USP41<731>
Particle size	Thru 80mesh	≥70%	Sieving
Bulk density	G/ml	0.65-1.05	USP41
Solubility	g/ml	0.5/100	USP41<731>
Total bacteria	Cfu/g	≤1000	USP41<2021>/<2022>
Yeast& Mold	Cfu/g	≤100	USP41<2021>/<2022>
Coliform	Cfu/g	≤10	USP41<2021>/<2022>
Salmonella	/25g	Negative	USP41<2021>/<2022>
Escherichia Coli		Negative	USP41<2021>/<2022>
生产 工艺 The production process			
包装方式manner of packing	PE内袋，牛皮纸外袋或根据客户要求 PE bag inside, outside the kraft paper bag or according to customer's requirements		
用途usage	食品添加剂food additives 食品营养强化剂food nutrition enhancer		