

# Product Specification Sheet

## Rebpure™ RA95



GLG Life Tech Corporation  
 www.gglifetech.com  
 File No.: GLG10RA95-P002-000  
 Reviewed by: Li Yang, QA Manager  
 Approved by: Kevin Li, VP Technology  
 2010

### Product Description:

Rebpure™ RA95 is a highly purified extract containing primarily rebaudioside A (MW: 967.03) from Stevia rebaudiana Bertoni leaf. It is a white hygroscopic powder that is used as a high potency sweetener for food and beverages

Shelf Life: 2 years



### Physical and Organoleptic Standards

CHARACTERISTIC	SPECIFICATION	METHOD
Appearance	White/off-white hygroscopic powder	Organoleptic AS IS
Flavor	Sweet	Organoleptic AS IS
Aroma	Sweet	Organoleptic AS IS
Particle Size	80-100 mesh	Ro Tap 25g for 5 minutes
Solubility	≥ 1% water (wt/wt), colorless and clear	GLG solubility chart

### Specification

CHARACTERISTIC	SPECIFICATION	LABEL CLAIM	METHOD
Rebaudioside A	≥ 95%	≥ 95%	JECFA HPLC
Total Steviol Glycosides	≥ 97%	≥ 97%	JECFA HPLC
Total Metals	≤ 10 ppm	None	AFS
-Arsenic	≤ 1.0 ppm	None	AFS
-Lead	≤ 1.0 ppm	None	AFS
Solvents, total	≤ 5200 ppm	None	GC
-Ethanol	≤ 5000 ppm	None	GC
-Methanol	≤ 200 ppm	None	GC
Loss on Drying	≤ 4.0	None	105°C, 2 hrs
pH	4.5-7.0	None	1 in 100 solution
Residue on Ignition	≤ 1.0%	None	FCC 6

### Microbiological Standards:

CHARACTERISTIC	LIMIT	UNITS	METHOD
Total Plate Count	< 1,000	cfu/g	FDA-BAM current ed.
Yeast & Mold	< 100	cfu/g	FDA-BAM current ed.
<i>E. coli</i>	Negative	****	FDA-BAM current ed.
<i>Staphylococcus aureus</i>	Negative	****	FDA-BAM current ed.
<i>Salmonella</i> (/25g)	Negative	(/25g)	FDA-BAM current ed.