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## RISUN INGREDIENTS LIMITED

### Technical Data Sheet

Product code: RI-HB12133

<b>Product Name</b>	RisunBio™ Ginseng Extract 8% HPLC	<b>Latin Name</b>	<i>Panax ginseng C. A. Mey.</i>
<b>Used Part</b>	Dried Root	<b>Solvent Used</b>	Water&Ethanol
<b>Shelf life</b>	Two years	<b>Grade</b>	Food Grade
<b>Packing size</b>	Drums	<b>Origin of plant</b>	China
<b>Version No</b>	3	<b>Issue date</b>	May.15th,2018
<b>Appearance</b>	This is a natural product and there may be color variations from lot to lot due to crop fluctuations from harvest to harvest		
<b>Storage Condition</b>	Store in tightly closed plastic bag and keep in a cool dry place. Keep away from direct sun light.		
<b>Irradiation</b>	No irradiation process in our own plant		

ITEMS	SPECIFICATION
Characters/Appearance	Fine Powder
Appearance	Off-white to Brown Powder
Identification	TLC
Assay (sum of ginsenosides, %,) (Rg1+Re+Rf+Rb1+Rc+Rb2+Rd, HPLC)	≥8.0%
Odor	Characteristic
Mesh Size	NLT95% pass 80 mesh
Loss on Drying	≤5.0%
Ash	≤5.0%
Heavy metals	≤20PPM
Arsenic	≤2PPM
Lead(Pb)	≤2PPM
Mercury	≤0.1PPM
Cadmium	≤1PPM
Pesticide residues	EC396 Grade
Total plate count	≤10,000cfu/g
Yeast/mold	≤300cfu/g
E.coli	Negative
Salmonella	Negative

#### Change List

Version No	Date	Changes
3	May.23 <sup>th</sup> ,2018	Irradiation addition