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## RISUN INGREDIENTS LIMITED

### Technical Data Sheet

Product code: RI-HB12131

<b>Product Name</b>	RisunBio™ Ginseng Extract 80% UV	<b>Latin Name</b>	<i>Panax ginseng C. A. Mey.</i>
<b>Used Part</b>	Stem & leaves	<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>	4	<b>Issue date</b>	May.30th,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
Appearance	Fine Powder
Color	Light-yellow
Odor	Characteristic
Taste	Characteristic
Sum of ginsenosides, (uv) %	≥80%
Sum of ginsenosides, % (Rg1+Re+Rb1+Rc+ Rd+Rb2, HPLC)	Measured value
Particle Size	NLT95%Through 80 mesh
Loss on Drying	≤5.0%
Ash	≤10.0%
Bulk Density	40-60g/100ml
Total Heavy Metals	≤20ppm
Arsenic	≤2ppm
Lead	≤2ppm
Mercury	≤0.1ppm
Cadmium	≤1ppm
Pesticides Residue	10ppb (PCNB, DDT, BHC) max. each
Total Plate Count	NMT10, 000cfu/g
Total Yeast & Mold	NMT300cfu/g
E.Coli.	Negative
Salmonella	Negative
Staphylococcus	Negative

#### Change List

Version No	Date	Changes
4	May.30 <sup>th</sup> ,2018	Irradiation addition