



# Aryan Food Ingredients Limited

## Specification Sheet

<b>Product Name</b>	<b>Organic Vitamin B Complex</b> ( Plant Source Blend )	<b>Nature of product</b>	Powder
<b>Botanical Name</b>	Guava Fruit( <i>Psidiumguajava</i> ), Spirulina algal cells( <i>Arthrospiraplatensis</i> ), Chlorella whole cells( <i>Chlorella vulgaris</i> ), <i>Saccharomyces cerevisiae</i> yeast cells, Mango Fruit( <i>Mangiferaindica</i> ), Sprouted Mung bean ( <i>Vignaangularis</i> ), Lemon Peel( <i>Citrus limon</i> ), Holy Basil Leaf( <i>Ocimum sanctum</i> )	<b>Origin</b>	India
<b>Product Code</b>	<b>ORGVIT106</b>	<b>HS Code</b>	

### Testing parameters

Physical Parameters		
Items	Specification	Method
Appearance	Fine powder	Organoleptic
Odor	Characteristic	Organoleptic
Color	Light Green Color	Organoleptic
Analytical Quality		
Sieve analysis	90% through 60 mesh	Sieve
Moisture (w/w)	< 10.0%	In House
Ash (w/w)	< 5.0%	In House
Acid insoluble ash(w/w)	<2.4%	In House
Bulk Density	40-80 g/100mL	In House
Assay(Each one gram contains)		
<b>Thiamine (B1)</b>	NLT 20mg	EASI-CHE-SOP-70, LC-UV
<b>Riboflavin (B2)</b>	NLT 20mg	BS EN 14152:2003
<b>Niacin (B3)</b>	NLT 40mg	BS EN 15652:2009
<b>Pantothenic Acid (B5)</b>	NLT 38mg	EASI-CHE-SOP-20, LC-MS/MS
<b>Pyridoxine (B6)</b>	NLT 20mg	BS EN 14164:2008
<b>Biotin (B7)</b>	NLT 600mcg	EASI-CHE-SOP-70, LC-UV
<b>Folic Acid (B9)</b>	NLT 800mcg	EASI-CHE-SOP-71, LC-UV
<b>Methylcobalamin (B12)</b>	NLT 20mcg	AOAC 2011.09
Heavy Metals		
Arsenic	Max 1.1 ppm	ICP-OES
Cadmium	Max 1.0 ppm	ICP-OES
Lead	Max 2.5 ppm	ICP-OES
Mercury	Max 0.1 ppm	ICP-OES
Contaminants		
AflatoxinB1	≤2ppb	EASI-CHE-SOP-18
AflatoxinB2	≤2ppb	EASI-CHE-SOP-18

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AflatoxinG1	≤2ppb	EASI-CHE-SOP-18
AflatoxinG2	≤2ppb	EASI-CHE-SOP-18
Ethylene Oxide	≤0.01mg/kg	EKA-CHE-SOP-053(By GC-MS)
PesticidesResidues	OrganicRequirements	EKA-CHE-SOP-030(By LC-MSMS &GC-MSMS)
<b>Microbiological</b>		
Total Plate count/g	<10000 CFU/g	ISO 4833-1-2013
Yeast & moulds/g	<100 CFU/g	ISO 21527-2:2008
Coliform/g	<10 CFU/g	ISO 4832:2006
Escherichia coli(/25g)	Negative	ISO 16649-2-2001
Salmonella(/25g)	Negative	ISO 6579-1:2017/AMD 1:2020

**Note: B.L.Q – Below Limit of Quantification, Limit of Quantification: 0.05mg/kg for Heavy Metals**

<b>Packing and Storage</b>	Store in sealed containers at cool & dry place to protect from light moisture and pest infestation
<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>Shelf life</b>	24 months under the conditions above and in its original packaging

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