



# Ankur Herbal Products

## SPECIFICATION SHEET

### Hydro alcoholic extract

Product: *Ashwagandha Root Extract Powder*

Part Used :Root Herb Ratio: 5:1

Country of Origin : India

PARAMETERS	SPECIFICATION	RESULT	TESTING. METHOD
<b>PHYSICAL PARAMETERS</b>			
Color	Light Brown	Confirms	Visual
Particle Type	Powder	Confirms	Visual
Taste	Bitter	Confirms	Taste
Odour	Characteristic	Confirms	Smell
<b>ASSAY FOR ACTIVITY</b>			
withanaloids	NLT 1.00% w/w	1.25 %w/w	Lab Test
Loss on drying	NMT 6.0%	3.0% w/w	5g/105°C/3Hrs
Solubility in 50% alcohol	NLT80.0%	88.41% w/v	IP
Solubility in water	Soluble	94.0% w/v	
Ash contents	NMT 10.0%	06.62% w/w	5g/600°C/6-8Hrs
pH 1% solution	5-7	5.1	IP
<b>LIMIT TESTS</b>			
<b>IMPURITIES</b>	<b>LIMIT</b>	<b>RESULTS</b>	<b>TESTS</b>
Heavy metals	NMT 20 PPM	Confirms	Atomic Absorption
Solvent Residue	NMT 20 PPM	Confirms	
<b>MICROBIOLOGICAL PROFILE</b>			
Total Plate Count	< 1000Cfu	Confirms	Confirms
Yeast & Mould	Absent	Absent	Confirms
Salmonella	Absent	Absent	Confirms
Staphylococcus aureus	Absent	Absent	Confirms
Pseudomonas aeruginosa	Absent	Absent	Confirms



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## SPECIFICATION SHEET

### Hydro alcoholic extract

Product: *Ashwagandha Root Extract Powder*

Part Used :Root                      Herb Ratio: 6 : 1

Country of Origin :              India

PARAMETERS	SPECIFICATION	RESULT	TESTING. METHOD
<b>PHYSICAL PARAMETERS</b>			
<b>Color</b>	Light Brown	Confirms	Visual
<b>Particle Type</b>	Powder	Confirms	Visual
<b>Taste</b>	Bitter	Confirms	Taste
<b>Odour</b>	Characteristic	Confirms	Smell
<b>ASSAY FOR ACTIVITY</b>			
withanaloids	NLT 1.50% w/w	1.75 % w/w	Lab Test
<b>Alkaloids</b>	NLT 1.0% w/w	1.15% w/w	
<b>Loss on drying</b>	NMT 6.0%	3.0% w/w	5g/105°C/3Hrs
<b>Solubility in 50% alcoho</b>	NLT80.0%	88.41% w/v	IP
<b>Solubility in water</b>	NLT 80.0%	89.89% w/v	
<b>Ash contents</b>	NMT 10.0%	06.62% w/w	5g/600°C/6-8Hrs
<b>pH 1% solution</b>	5-7	5.1	IP
<b>LIMIT TESTS</b>			
<b>IMPURITIES</b>	<b>LIMIT</b>	<b>RESULTS</b>	<b>TESTS</b>
<b>Heavy metals</b>	NMT 20 PPM	Confirms	Atomic Absorption
<b>Solvent Resdue</b>	NMT 20 PPM	Confirms	
<b>MICROBIOLOGICAL PROFILE</b>			
<b>Total Plate Count</b>	< 1000Cfu	Confirms	Confirms
<b>Yeast &amp; Mould</b>	Absent	Absent	Confirms
<b>Salmonella</b>	Absent	Absent	Confirms
<b>Staphylococcus aureus</b>	Absent	Absent	Confirms
<b>Pseudomonas aeruginosa</b>	Absent	Absent	Confirms



# Ankur Herbal Products

## SPECIFICATION SHEET

### Hydro alcoholic extract

Product: *Ashwagandha Root Extract Powder*

Part Used :Root Herb Ratio: 8 : 1

Country of Origin : India

PARAMETERS	SPECIFICATION	RESULT	TESTING. METHOD
<b>PHYSICAL PARAMETERS</b>			
<b>Color</b>	Light Brown	Confirms	Visual
<b>Particle Type</b>	Powder	Confirms	Visual
<b>Taste</b>	Bitter	Confirms	Taste
<b>Odour</b>	Characteristic	Confirms	Smell
<b>ASSAY FOR ACTIVITY</b>			
withanaloids	NLT 3.00% w/w	3.25 % w/w	Lab Test
<b>Alkaloids</b>	NLT 2.0% w/w	2.15% w/w	
<b>Loss on drying</b>	NMT 6.0%	3.0% w/w	5g/105°C/3Hrs
<b>Solubility in 50% alcoh</b>	NLT80.0%	88.41% w/v	IP
<b>Solubility in water</b>	NLT 80.0%	83.89% w/v	
<b>Ash contents</b>	NMT 10.0%	06.62% w/w	5g/600°C/6-8Hrs
<b>pH 1% solution</b>	5-7	5.1	IP
<b>LIMIT TESTS</b>			
<b>IMPURITIES</b>	<b>LIMIT</b>	<b>RESULTS</b>	<b>TESTS</b>
<b>Heavy metals</b>	NMT 20 PPM	Confirms	Atomic Absorption
<b>Solvent Residue</b>	NMT 20 PPM	Confirms	
<b>MICROBIOLOGICAL PROFILE</b>			
<b>Total Plate Count</b>	< 1000Cfu	Confirms	Confirms
<b>Yeast &amp; Mould</b>	Absent	Absent	Confirms
<b>Salmonella</b>	Absent	Absent	Confirms
<b>Staphylococcus aureus</b>	Absent	Absent	Confirms
<b>Pseudomonas aeruginosa</b>	Absent	Absent	Confirms



# Ankur Herbal Products

## SPECIFICATION SHEET

### Hydro alcoholic extract

Product: *Ashwagandha Root Extract Powder*

Part Used : Root      Herb Ratio: 10 : 1

Country of Origin : India

PARAMETERS	SPECIFICATION	RESULT	TESTING. METHOD
<b>PHYSICAL PARAMETERS</b>			
<b>Color</b>	Light Brown	Confirms	Visual
<b>Particle Type</b>	Powder	Confirms	Visual
<b>Taste</b>	Bitter	Confirms	Taste
<b>Odour</b>	Characteristic	Confirms	Smell
<b>ASSAY FOR ACTIVITY</b>			
withanaloids	NLT 6.0% w/w	6.25 % w/w	Lab Test
<b>Alkaloids</b>	NLT 4.0% w/w	4.15% w/w	
<b>Loss on drying</b>	NMT 6.0%	3.0% w/w	5g/105°C/3Hrs
<b>Solubility in 50% alcohol</b>	NLT 80.0%	88.41% w/v	IP
<b>Solubility in water</b>	NLT 80.0%	89.89% w/v	
<b>Ash contents</b>	NMT 10.0%	06.62% w/w	5g/600°C/6-8Hrs
<b>pH 1% solution</b>	5-7	5.1	IP
<b>LIMIT TESTS</b>			
<b>IMPURITIES</b>	<b>LIMIT</b>	<b>RESULTS</b>	<b>TESTS</b>
<b>Heavy metals</b>	NMT 20 PPM	Confirms	Atomic Absorption
<b>Solvent Residue</b>	NMT 20 PPM	Confirms	
<b>MICROBIOLOGICAL PROFILE</b>			
<b>Total Plate Count</b>	< 1000Cfu	Confirms	Confirms
<b>Yeast &amp; Mould</b>	Absent	Absent	Confirms
<b>Salmonella</b>	Absent	Absent	Confirms
<b>Staphylococcus aureus</b>	Absent	Absent	Confirms
<b>Pseudomonas aeruginosa</b>	Absent	Absent	Confirms