



# Integrity Ingredients Corporation

## Product Specification

### IntegriBOTANICAL Wild Yam Root Powder

INCI Nomenclature: Dioscorea Opposita (Wild Yam) Root Extract

<b><u>PHYSICAL &amp; CHEMICAL DATA</u></b>	<b><u>RANGE</u></b>
APPEARANCE	Fine Powder
ODOR	Characteristic
COLOR	White
<b><u>ANALYTICAL QUALITY</u></b>	<b><u>RANGE</u></b>
IDENTIFICATION	Identical to R.S. Sample
DIOSGENIN	$\geq 20.0\%$
SIEVE ANALYSIS	100% through 80 mesh
LOSS OF DRYING	$\leq 5.0\%$
TOTAL ASH	$\leq 10.0\%$
BALK DENSITY	40-60 g/100ml
TAP DENSITY	60-90 g/100ml
<b><u>CONTAMINANTS</u></b>	<b><u>RANGE</u></b>
LEAD	$\leq 3.0\text{mg/kg}$
ARSENIC	$\leq 2.0\text{mg/kg}$
CADMIUM	$\leq 1.0\text{mg/kg}$
MERCURY	$\leq 0.0\text{mg/kg}$
SOLVENTS RESIDUE	Meet Eur.Ph 6.0<5.4>
Pesticides Residue	Meet USP Requirements
<b><u>MICROBIOLOGICAL</u></b>	<b><u>RANGE</u></b>
Total Plate Count	$\leq 1000\text{cfu/g}$
Yeast & Mold	$\leq 1000\text{cfu/g}$
E.Coli.	Negative
Salmonella	Negative

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