

**CERTIFICATE OF ANALYSIS**

**IDENTIFICATION**

<b>Product Name:</b>	<b>Ashwaghanda Root Powder</b>
<b>Botanical Name:</b>	<b>Withania Somnifera</b>
<b>Batch:</b>	<b>ARP/10-11-278</b>
<b>Product Code:</b>	<b>ARP1000F</b>
<b>Product Lot:</b>	<b>-</b>
<b>Harvest Method:</b>	<b>Wild Harvested</b>
<b>Part Used:</b>	<b>Root</b>
<b>Origin:</b>	<b>India</b>
<b>Manuf. Date:</b>	<b>04-2010</b>
<b>Exp. Date:</b>	<b>04-2013</b>

**ANALYSIS**

**Description**  
**Identification**  
**Color**  
**Taste**  
**Odor**  
**Moisture**  
**Ash**  
**Heavy Metals**  
    (Pb)  
    (As)  
    (Cd)  
    (Hg)  
**Mesh Size**

**SPECIFICATION**

**Powder**  
**Positive**  
**Cream**  
**Bitter**  
**Characteristic**  
**NMT 5%**  
**NLT 12%**  
**≤10ppm**  
**≤3ppm**  
**≤2ppm**  
**≤1ppm**  
**≤1ppm**  
**90% through USS 60 mesh**

**RESULT**

**Powder**  
**Conform**  
**Cream**  
**Bitter**  
**Characteristic**  
**5.0%**  
**10.0%**  
**≤10ppm**  
**2.14ppm**  
**<0.2ppm**  
**<0.05ppm**  
**<0.05ppm**

**TEST**

**Visual**  
**Visual**  
**Visual**  
**Organoleptic**  
**Organoleptic**  
**AOAC**  
**AOAC**  
**ICP-MS**

**MICROBIOLOGICAL**

<b>Total Plate Count</b>	<b>≤100,000cfu/g</b>	<b>Conform</b>	<b>AOAC 966.23</b>
<b>Yeast</b>	<b>≤1,000cfu/g</b>	<b>Conform</b>	<b>FDA BAM 8</b>
<b>Mold</b>	<b>≤1,000cfu/g</b>	<b>Conform</b>	<b>FDA BAM 8<sup>th</sup></b>
<b>Coliforms</b>	<b>≤100cfu/g</b>	<b>Conform</b>	<b>AOAC 991.14</b>
<b>E. coli</b>	<b>Absent/10g</b>	<b>Negative/10g</b>	<b>USP &lt;2022&gt;</b>
<b>Salmonella</b>	<b>Negative/25g</b>	<b>Negative</b>	<b>AOAC 998.09</b>
<b>Pesticides &amp; Herbicides</b>	<b>Meets Fed St</b>	<b>Meets Fed St</b>	<b>USP Method</b>

**Storage:**

Store in a tightly, sealed container in a cool and dry area.

Keep away from strong light and heat.

This product is Non-GMO.

This product is not treated with ETO, nor is it GAMMA Treated. 6/13/2011 12:15 PM SP