

**BulkActives**

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**CERTIFICATE OF ANALYSIS**

**Product Name:** White Willow Bark P.E. 25%      **Botanical Name:** Salix babylonica L.  
**Lot No:** 091127      **Manufacture Date:** Nov 27, 2009  
**Fresh/Dry:** Dry      **Test Date:** Nov 27, 2009  
**Preparation Type:** Extract dry concentrate      **Expiry Date:** Nov 27, 2011

Test:	Specification:	Test Method:	Result:
Organoleptic:	Fine Light brown powder with characteristic odour and taste	Organoleptic evaluation	Conformed
Identification:	Positive by TLC	TLC	Conformed
Particle size:	100% through 80 mesh	Sieve analysis	Conformed
Loss on Drying:	<10% (w/w)	3 hours at 105°C	3.19 %
Sulphated Ash:	≤5%		3.2%
Total plate count:	<1000cfu/g	As per WHO/PHARMA/92.559 Rev.1, Pg 49	<10 cfu/g
Yeast & mould:	<100cfu/g		<10 cfu/g
Enterobacteria:	<100cfu/g		<10 cfu/g
E.coli:	Absent/g		Absent/g
Salmonella species:	Absent/10g		Absent/10g
Heavy metals:	<10ppm	UV	Conformed
Arsenic:	<2ppm	AA	Conformed
Pesticide residues:	Complies with BP	GC	Conformed
Salicin:	≥25%	HPLC	25.30%

**USABLE LIFE AND STORAGE**

Store in a cool and dry place. Keep away from strong light and heat. Store in tightly closed containers. When properly stored, this product has a usable life of 24 months from the date of production.

**LIMITATIONS**

This product is neither tested nor represented suitable for medical, nutritional or pharmaceutical uses.

**LIMITED WARRANTY – PLEASE READ CAREFULLY**

The information contained herein is offered in good faith based on BulkActives' research and information provided by manufacturers and distributors, and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information shall not be used in substitution for customers' tests to insure that BulkActives' products are fully satisfactory for your specific applications. Our warranty is that the product will meet its current sales specifications. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.