

CERTIFICATE OF ANALYSISIDENTIFICATION

Product Name:	Xanthoparmelia Extract Powder >35.0%
Botanical Name:	Xanthoparmelia
Batch:	XAS35/10-12-328-EX
Product Code:	XAS0035
Origin:	Ecuador
Part used:	Lichen (from the Bark)
Manuf. Date:	05-2010
Exp. Date:	05-2013

ANALYSIS

<u>DESCRIPTION</u>	<u>SPECIFICATION</u>	<u>RESULT</u>	<u>TEST</u>
Description	Powder	Powder	Visual
Identification	Verified	Conform	Visual
Color	Light-Brownish	Brown	Visual
Taste	Characteristic	Conform	Organoleptic
Odor	Characteristic	Conform	Organoleptic
Moisture	LT 8.0%	6.3%	
Heavy Metals	≤15ppm	5ppm	
(Pb)	≤1ppm	Conform	
(As)	≤1ppm	Conform	
Extraction Method	Ethanol -Water (maceration)		
Mesh Size	100% through USS 40 mesh		

PHYTOCHEMICALS

Piperizine	NLT 35.0%	35.9%
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MICROBIOLOGICAL

Total Plate Count	≤70,000cfu/g	Conform	AOAC
Yeast	≤1,000cfu/g	Conform	FDA BAM
Mold	≤1,000cfu/g	Conform	FDA BAM
Coliforms	≤100cfu/g	Conform	AOAC
E. coli	Absent/10g	Absent/10g	USP <2021>
Salmonella	Negative	Negative	AOAC
Pesticides & Herbicides	Negative	Negative	Meets Fed Stan

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 Irradiated.