



ANDEAN Q ULTRA

PURIFIED QUILLAJA SAPONARIA EXTRACT

TECHNICAL DATA SHEET

DESCRIPTION:	ANDEAN Q ULTRA is the preserved purified natural extract of the Chilean Soap Bark Tree (<i>Quillaja saponaria</i> Bark Extract or <i>Quillaja saponaria</i> Wood Extract).	
COMPOSITION:	<p>≥ 18.0 % purified Quillaja Extract solids < 1.0 % citric acid 80.0 ± 2.0 % Loss on Drying</p>	
CONCENTRATION:	21.0 ± 2.0 °Brix @ 20 °C (by refractometer).	
	Triterpenic Saponins (determined by RP-UPLC)	14.5 % ± 1.5 %
	Other naturally occurring Quillaja solids (sugars, low molecular weight polyphenols, etc.)	5.5 % ± 1.5
	Note: Natural extracts vary in content throughout the year, however, specific batch analysis are available upon request.	
APPEARANCE:	Light amber liquid	
ODOR:	None at recommended usage level	
SPECIFIC GRAVITY:	≥ 1.06 (approximately 8.84 pounds/gallon)	
COLOR:	≤ 0.7 absorbance (10 °Brix diluted filtered sample, 520 nm)	
PRESERVATIVES:	0.1% w/w sodium benzoate	
pH:	3.8 – 4.8 (direct measurement)	
MICROBIOLOGICAL:	Yeast:	Less than 100 CFU/g
	Mold:	Less than 100 CFU/g
	Aerobic Plate Count:	Less than 1000 CFU/g
PACKAGING:	Packed in one or five gallon HDPE plastic containers.	
SHELF LIFE:	Two years when stored at 5 to 25° C in the unopened originally sealed container.	
REGULATORY:	<i>Quillaja saponaria</i> Molina is approved for use in food and beverages by the FDA under CFR 172.510, FEMA number 2973, CAS N° 68990-67-0.	