



ANDEAN Q ULTRA NP

PURIFIED QUILLAJA SAPONARIA EXTRACT

TECHNICAL DATA SHEET

DESCRIPTION:	ANDEAN Q ULTRA NP is the non preserved purified natural extract of the Chilean Soap Bark Tree (<i>Quillaja saponaria</i> Bark Extract or <i>Quillaja saponaria</i> Wood Extract).	
COMPOSITION:	≥ 18.0 % w/w purified Quillaja Extract solids < 1.0 % w/w citric acid 80.0 ± 2.0 % w/w Loss on Drying	
CONCENTRATION:	21.0 ± 2.0 °Brix (20 °C, by refractometer). Triterpenic Saponins (determined by RP-UPLC) 14.5 ± 1.5 % w/w Other naturally occurring Quillaja solids 5.5 ± 1.5 % w/w (Sugars, low molecular weight polyphenols, etc.)	
	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:	≤ 0.700 absorbance (10 °Brix diluted filtered sample, 520 nm).	
PRESERVATIVES:	None	
pH:	3.80 – 4.80 (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.	