



ANDEAN QDP ULTRA ORGANIC

PURIFIED QUILLAJA SAPONARIA EXTRACT

TECHNICAL DATA SHEET

DESCRIPTION:	ANDEAN QDP ULTRA ORGANIC is an Organic certified, granulated spray dry from the purified extract of the Chilean Soap Bark Tree (<i>Quillaja saponaria</i> Bark Extract or <i>Quillaja saponaria</i> Wood Extract).
COMPOSITION:	≥ 89.0 % w/w purified Quillaja Extract solids. ≤ 4.0 % w/w citric acid. ≤ 7.0 % w/w Loss on Drying.
APPEARANCE:	Golden Amber to Cinnamon free flowing granulated powder.
ODOR:	None at recommended usage level.
SAPONIN CONTENT:	≥ 60.0 % w/w Quillaja saponins by UPLC analysis.
SOLUBILITY:	Very soluble in water, insoluble in ethanol, acetone, methanol and butanol.
COLOR:	≤ 1.000 absorbance (10% w/w filtered dilution, 520 nm).
PRESERVATIVES:	None
pH:	3.90 – 4.90 (20% w/w solution).
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 kilograms sealed bags. Keep tightly sealed when not in use to prevent caking of the material.
SHELF LIFE:	Three years from date of manufacture in the original unopened container stored in a dry place between 5 and 25° C. Keep away from direct sunlight.
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. Certified organic by IMO (120289-NOP processing) and OTCO (OT-002544 handling).

