



## ARTUTAN VALEX EXTRACT

### ANALYSIS

TANNIN	65.0 ± 1.0%
NON-TANNIN	26.0 ± 1.0%
INSOLUBLE MATERIALS	1.5 ± 0.2%
MOISTURE	7.0 ± 1.0%

### PROPERTIES

ARTUTAN VALEX EXTRACT is the trade name of normal Valex extract.

The source of ARTUTAN VALEX EXTRACT is Turkish oak trees which contain acorn cup fruits and the name is "L. Quercus macrolepis". The dried acorn cups are sent to factory afterwards grinded (ground) into small pieces and then transferred to the extraction batteries (diffusion vats) and extracted in hot water by countercurrent system. The dilute liquor obtained then sent to evaporation unit consisting of triple effect evaporators and a concentrated liquor (solution) is obtained. Finally, this liquor transferred to spray-drying unit and powder "valex extract" is obtained.

It is used in the production of different types of leathers.

It is recommended in the retannage of shoe-upper, suede, split, lining and similar leathers.

ARTUTAN VALEX EXTRACT is widely used in the production of sole, insole, leathersgoods(belting) and relevant leathers either alone or in combination with other vegetable extracts.

The general properties and advantages of ARTUTAN VALEX EXTRACT are as follows:

- By using in retannage of chrome tanned leathers fine and tight grain is obtained together with filling of empty structure such as, bellies and flanks.
- Chrome leathers retanned have more improved and easier buffing properties, mainly important for corrected grain and split leathers.
- A natural look with polishing and glazing is easily obtained.
- In finishing, printing and embossing properties are increased.
- The fibers of sole or similar leathers are dense and compact.
- Sole leathers tanned gain remarkable weight yield.
- The water resistance of leathers is higher than the other vegetable tanned leathers.
- The light fastness and abrasion fastness is better than several other extracts.
- It is compatible with synthetic tannins, dyestuffs, fatliquors and other auxiliary chemical products.
- It is environmentally friendly natural product and does not create hazardous wastes.

### PACKAGING

ARTUTAN VALEX EXTRACT is presented in powder form and packed in 25 kg net weight with laminated woven polypropylene bag and polyethylene inner bag.

### STORING CONDITIONS

ARTUTAN VALEX EXTRACT should be stored in dry places, protected from direct sunlight and kept in closed original package.