



**Firma/company:** TANNING TECH '99 **Datum/date:** Oct. 1999  
**Artikel/item:** Gloving leather "cabretta" **Rohware/raw material:** indonesian lambskin  
**Zustand/condition:** Formaldehyde tanned **kg:**  
**Farbe/colour:** Snow white **mm:** 0,45 - 0,55  
**Arbeitsgang/process:** Retanning + fatliquoring **% auf/on:** shaved weight  
**Gezeichnet/marked:** **No. 13**

Arbeitsgang process	H <sub>2</sub> O %	°C	%	Produkt product	Zeit time	Flotte float	Bemerkung remark
wash	200	35	0,20	<b>NEOPALIN T 106</b>	30	drain	
retanning	100	35	2,00	<b>LICROL SB 104</b>	10		
			2,00	<b>EBOTAN DA 50</b>	30		
			3,00	NOVALTAN AL			
			0,80	chrom alum	45		
	+		2,50	sodium bicarbonate (1:10)	60		pH= 5
fatliquoring	100	50	2,00	TiO <sub>2</sub>			
			2,00	white pigment			
			10,0	<b>EBENIN 6</b>			
			8,00	<b>LICROL G 662</b>			
			0,05	<b>EBROZID 2</b>	45		
			0,50	formic acid	30		pH= 3,6
	+		2,00	<b>LICROL K 7</b>	20		
	+		0,05	optical brightener (Uvitex OB)	30	drain	
wash	200	25			10	drain	

horse up over night, dry, staking, milling 6 - 8 h,  
toggling + polish with talc



**Firma/company:** TANNING TECH '99 **Datum/date:** Oct. 1999  
**Artikel/item:** Gloving leather "cabretta" **Rohware/raw material:** indonesian lambskin  
**Zustand/condition:** Pickle **kg:**  
**Farbe/colour:** Snow white **mm:** unshaved  
**Arbeitsgang/process:** Bleaching + tanning **% auf/on:** pickle weight + 30%  
**Gezeichnet/marked:** **No. 13**

Arbeitsgang process	H <sub>2</sub> O %	°C	%	Produkt product	Zeit time	Flotte float	Bemerkung remark
wash	100	35	8,00	salt			
			0,50	<b>NEOPALIN T 106</b>	60	drain	pH= 3,0 - 3,2
pickle	100	35	10,0	salt	10		
	+		2,00	formic acid	15		pH= 2,0 - 2,5
	+		10,0	sodium chlorite (Imprapell CO)	120		
				stop over night			
				next morning	30		
	+		2,50	sodium bisulfite	30		
	+		2,00	sodium bisulfite	30	drain	check
pre-tanning	40	35	10,0	sodium sulfate	10		
	+		1,00	<b>LICROL SB 104</b>	10		
	+		2,00	<b>EBOTAN DA 50</b>	30		
	+		5,00	formaldehyde	3x30		
	+		2,00	sodium bicarbonate	4x30		pH= 4,3
	+		1,00	soda ash	30	drain	pH= 6,2 - 6,4
wash	200	35			10	drain	
tanning	100	35	1,50	formic acid	20		pH= 4,3
	+		1,00	formic acid	20		pH= 3,8
	+		2,00	NOVALTAN AL			
	+		0,80	chrom alum	60	drain	

horse up over night, shave 0,45 - 0,55 mm  
trim