

Material: 8 wet blue sheep (Inner Mongolia) (+ industrial control)

Process:

- **Degreasing 1:** 0.8% **PRODEGREAZE** (*fatty alcohol ethoxylated eliminated, reduction of other surfactants*)
- **Degreasing 2:** 0.5% **PRODEGREAZE** (*fatty alcohol ethoxylated eliminated, reduction of other surfactants*)

Analytical Results:



	Proviaera	Standard	Reduction
Fat content (%)	4.9	4.68	-5%
N ₂ - ammonia (mg NH ₃ /l)	79.1	223.3	65%
COD (mg O ₂ /l)	2019	7529	73%



Proviaera: No foaming



Standard: Foaming

Conclusion: Degreasing efficiency was similar to their standard production. No foam formation. The ammonia reduction shows that collagen proteins are not affected and, therefore, leather quality is improved in terms of fullness. Reduction of COD represents savings for wastewater treatment. Reductions in chemicals for retanning and fatliquoring also represent cost savings.

Customer: Tannery in China