



# CERTIFICATE OF ANALYSIS

JBS - LEATHER DIVISION  
QUALITY CONTROL LABORATORY

Lot: 3350650 / 28490 Article: VENEZA NUVOLATO LUX Colour: CHOCOLATE

Request: 12894291083 Client: TCS IMPORTS

Properties	Method	Specification	Results	Pass / Fail
Colour Fastness to rubbing (dry) 500 cycles	ISO 11640	Minimum 4	5	Pass
Colour Fastness to rubbing (wet) 250 cycles	ISO 11640	Minimum 3,4	4,5	Pass
Colour Fastness to rubbing (alkaline perspiration) 80 cycles	ISO 11640 / ISO 11641	Minimum 3,4	5	Pass
Finish Adhesion	ISO 11644	Minimum 4 N/10mm	39,04	Pass
Flexing Endurance 50,000 cycles	ISO 5402	No Visible Cracks in the Finish	No Cracking	Pass
pH <sup>1</sup>	ISO 4045	Minimum 3,2	4,21	Pass
Turnover differential - $\Delta pH^1$ (required only when pH < 4)	ISO 4045	$\leq 0,7$	*	Pass
Tear Strength	ISO 3377-2	Minimum 40 N	257,35	Pass
Resistance to heat ageing	LAB-POMA-06-91-00-000- 000-0092 (JBS Internal)	Minimum 4	5	Pass

1 - The frequency of this test is monthly.

Approved

Non-Approved

Data: 07/10/2013

Assinatura:

Laboratory Supervisor