

INFORMATION ABOUT THE PERSON FILLING THE FORM	
Name and family name	<i>Mariola Sánchez-González</i>
Research organization	<i>INIA-CIFOR (Forest Research Center)</i>
Position in the organization	<i>Head of the Cork Laboratory</i>
Country	<i>Spain</i>
E-mail	<i>msanchez@inia.es</i>
FACILITY ¹	
Name of the facility	<i>INIA-CIFOR Cork Laboratory (Laboratorio de Corcho INIA-CIFOR)</i>
Location of the facility	<i>Spain</i>
	<i>Ctra. De La Coruña km 7.5, 28040 Madrid</i>
Start date	<i>2005</i>
Type of facility	<i>Testing of physical-mechanical properties and quality characterization of cork and cork products</i>
Keywords	<i>Cork quality, cork stopper, physical-mechanical properties</i>
Scientific characteristics	<i>The scientific objectives of INIA-CIFOR Cork Laboratory are:</i> <ul style="list-style-type: none"> <i>improve the understanding of the relationships between raw cork and cork products</i> <i>create the scientific and technological knowledge to be able to determinate cork quality in tree early years</i> <i>develop modelling tools for classification of cork and derive products and for the sustainable management of cork oak forests in order to improve cork production in quantity and quality.</i>
	<i>INIA-CIFOR Cork Laboratory offers a whole service to the cork sector covering the chain from forest to industry. The laboratory has the equipment necessary to carry out the tests relating to ISO and UNE standards</i>
	<i>The laboratory has developed a device for measuring the relaxation force exerted by the fitted cork stopper in the bottleneck, this force provides sufficient fit and strength to guarantee sealing for as long as the wine is bottled</i>
	<i>Laboratory personnel is involved in different National and European projects</i>
Technical characteristics	<i>Main laboratory equipment available at INIA-CIFOR Cork laboratory:</i> <ul style="list-style-type: none"> <i>Universal testing machine (Zwick-Roell Z020) for measuring mechanical properties of cork and cork products</i> <i>Semiautomatic bottling machine with capability for setting the caliper diameter and measuring compression and insertion forces</i> <i>Device for measuring the relaxation force in cork stoppers (INIA Patent P200901750)</i> <i>Device for measuring the friction coefficient of cork against glass</i> <i>Device for testing the gas/liquid hermetic sealing of cork stoppers</i> <i>Devices for measuring physical properties (dimensions, humidity, density, etc.)</i> <i>CALCOR software for planks cork classification</i>

¹ Note: This information could be published in the webpage of FORESTERRA.



FORESTERRA

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SCIENTISTS AND/OR TECHNICIANS IN CHARGE OF THE FACILITY

Principal investigator	<i>Mariola Sánchez-González, PhD</i>
One line for each additional person	<i>José Luis García de Ceca, PhD</i>

ADMINISTRATIVE INFORMATION

Availability for participating in mutual measurements	Yes <i>Mariola Sánchez-González msanchez@inia.es</i>
	<i>Conditions or Policy of use: Official agreement between organizations</i>
Availability for accessing the data collected	Yes <i>Mariola Sánchez-González msanchez@inia.es</i>
	<i>Conditions or Policy of use: Official agreement between organizations</i>
Institution that manages the facility	INIA <i>www.inia.es</i>
Structure or institution which manages the data	INIA <i>www.inia.es</i>
Is the facility participating in a national or international Network?	
Is the facility open for transnational collaboration?	<i>Conditions: Presentation of a coordinated research project or official agreement between organizations</i>

