



Gruppo di Ricerche Avanzate Per l'Enologia (GRAPE) srl
(ADVANCED RESEARCH GROUP FOR OENOLOGY)

Year of foundation: **2011**

Fields of application: **viticulture and oenology**

Activities: GRAPE s.r.l. is a spin-off society from the University of Turin, born in 2011 and housed in Alba, in the Piedmont Langhe area.

The Grape group is composed of specialized consultants able to offer advanced analyses and complete services to all members of the viticultural and oenological sector, from winemakers to analytical laboratories. Grape mission is indeed focused on the application and investigation of innovative protocols and techniques, often based on recent gains of molecular biology and microbiology, which can help to satisfy most of the technical problems met by winemakers, oenologists and other specialists of the field.

More in detail, Grape group is composed of three main areas, strictly linked together:

- the oenological and analytical sector;
- the viticultural sector;
- the microbiological and biotechnological sector.

Analyses and services: non-destructive analysis of grape and wine quality by applying spectroscopic tools, such as Multiplex3® and FT-NIR techniques; chromatographic analyses by GC-MS and HPLC techniques; molecular diagnosis of grapevine phytoplasmas; selection of autochthonous yeasts; identification and monitoring of *Brettanomyces* spp. in musts and wines; characterization of microorganisms present in grapes, musts and wines; microvinifications.

Application: Thanks to its versatility and the possibility to apply multidisciplinary approaches based on innovative and up to date techniques, Grape can successfully adapt its services to several aspects of the viticultural and oenological field setting up analytical and biotechnological procedures specific for any customer need, which often common analytical laboratories cannot completely satisfy.

Reference market: Italy and foreign countries

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