IQT™ Associated Test Methods and Standards

Organization & Region(s)	Test Method	
ASTM International (North America, global)	D6890	Standard Test Method for Determination of Ignition Delay and Derived Cetane Number (DCN) of Diesel Fuel Oils by Combustion in a Constant Volume Chamber
	D975	Standard Specification for Diesel Fuel
	D6751	Standard Specification for Biodiesel Fuel Blend Stock (B100) for Middle Distillate Fuels
European Committee for Standardization (CEN) (European Union)	EN 15195	Liquid petroleum products – Determination of ignition delay and derived cetane number (DCN) of middle distillate fuels by combustion in a constant volume chamber
	EN 590	Automotive fuels – Diesel – Requirements and test methods
	EN 14214	Liquid petroleum products – Fatty acid methyl esters (FAME) for use in diesel engines and heating applications – Requirements and test methods
	EN 15940	Automotive fuels – Paraffinic diesel fuel from synthesis or hydrotreatment – Requirements and test methods
Energy Institute (United Kingdom)	IP 498	Determination of ignition delay and derived cetane number (DCN) of middle distillate fuels by combustion in a constant volume chamber
Canadian General Standards Board (Canada)	CAN/CGSB-3.11	Naval distillate fuel
	CAN/CGSB-3.18	Diesel fuel for locomotive-type medium-speed diesel engines
	CAN/CGSB-3.517	Diesel fuel
	CAN/CGSB-3.520	Diesel fuel containing low levels of biodiesel (B1–B5)
	CAN/CGSB‑3.522	Diesel fuel containing biodiesel (B6–B20)
	CAN/CGSB‑3.524	Biodiesel (B100) for blending in middle distillate fuels
China National Energy Board (People's Republic of China)	NB/SH/T 0883	Standard test method for determination of ignition delay and derived cetane number of diesel fuel oil by combustion in a constant volume chamber
Euro-Asian Council for Standardization, Metrology and Certification (Russian Federation, former Soviet republics)	GOST EN 15195	Liquid petroleum products. Middle distillate fuels. Method for determination of ignition delay and derived cetane number (DCN) by combustion in a constant volume chamber