



Gasoline methods

According to EN 228	Method	Sample amount (ml)
Visual assessment	ASTM D 4176	100
Research Octane number RON*	EN ISO 5164	1000
Motor Octane number MON*	EN ISO 5163	1000
Density at 15°C	EN ISO 12185	50
Sulfur content	EN ISO 20846	10
Oxidation stability	EN ISO 7536	100
Existent gum	EN ISO 6246	150
Corrosiveness to copper — Copper strip test (3h at 50°C)*	EN ISO 2160	50
Determination of hydrocarbon types incl. Benzene and oxygenates	EN ISO 22854, Verf. A	10
Vapour pressure (ASVP, DVPE)	EN 13016-1	50
Manganese content	EN 16136	50
Lead content*	DIN 51461-1**	20
Distillation characteristics at atmospheric pressure	EN ISO 3405	220

Additional methods	Method	Sample amount (ml)
Elemental analysis via ICP with cooled spray chamber*	ICP-OES	100
Simulated Destillation*	ASTM D 7096	10
Water content	EN ISO 12937	25
GC-MS Screening*	Hausmethode	10
Gross Calorific Value/Net Calorific value	DIN 51900	20
Carbon/Hydrogen content	ASTM D 5291	10
Oxygen content*	ASTM D 5622	10
Lubricating oil content/mixing ratio*	DIN 51784	150

* not accredited; ** not in EN 228; Other procedures/methods are possible on request

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