

# Fuel Standards

## Lead in Isooctane Standards for XRF

These standards offered by Alfa Aesar are formulated to measure the lead content in gasoline for both high and low concentrations, using bismuth as an internal standard.

### Test Method ASTM D5059 Part A

Item	Description	Sizes
45354	Lead in Isooctane standard solution, Specpure®, 0µg/g(0.0g/gal)	100g
45324	Lead in Isooctane standard solution, Specpure®, 37µg/g(0.1g/gal)	100g
45325	Lead in Isooctane standard solution, Specpure®, 370µg/g(1.0g/gal)	100g
45326	Lead in Isooctane standard solution, Specpure®, 740µg/g(2.0g/gal)	100g
45327	Lead in Isooctane standard solution, Specpure®, 1110µg/g(3.0g/gal)	100g
45328	Lead in Isooctane standard solution, Specpure®, 1480µg/g(4.0g/gal)	100g
45329	Lead in Isooctane standard solution, Specpure®, 1850µg/g(5.0g/gal)	100g

### Test Method ASTM D5059 Part C

Item	Description	Sizes
45330	Lead in Isooctane standard solution, Specpure®, 0µg/g(0.000g/gal)	100g
45331	Lead in Isooctane standard solution, Specpure®, 0.37µg/g(0.001g/gal)	100g
45332	Lead in Isooctane standard solution, Specpure®, 1.85µg/g(0.005g/gal)	100g
45333	Lead in Isooctane standard solution, Specpure®, 3.70µg/g(0.010g/gal)	100g
45334	Lead in Isooctane standard solution, Specpure®, 18.5µg/g(0.050g/gal)	100g
45335	Lead in Isooctane standard solution, Specpure®, 37.0µg/g(0.100g/gal)	100g
45336	Lead in Isooctane standard solution, Specpure®, 111µg/g(0.300g/gal)	100g

Item	Description	Sizes
45337	Lead in Isooctane standards, complete set for method ASTM D5059 Part C	each

### Test Method ASTM D5059 Part C

Item	Description	Sizes
45338	Bismuth Internal Standard for method ASTM D5059 Part A and C, Bi @ 0.793g/L	100g