

GUARANTEED PERFORMANCE FOR CEMENT APPLICATION

ARL 9900 XP XRF spectrometers

Raw mix samples prepared in the form of pressed powders.

Analyte	Range (%)	Guaranteed Repeatability (%)	Guaranteed Repeatability (%)
		1 sigma at Mid range in 30 sec.	1 sigma at Mid range in 8 sec.
CaO	37 - 49	0.02	0.04
Al ₂ O ₃	2 - 4	0.007	0.014
SiO ₂	10 - 19	0.014	0.028
Fe ₂ O ₃	0.5 - 2.5	0.004	0.008
MgO	0.5 - 2	0.007	0.014
K ₂ O	0.1 - 2	0.003	0.005
SO ₃	0.1 - 2	0.003	0.006
Na ₂ O	0.1 - 2	0.006	0.011
Cl	0.005 - 0.1	0.0004	0.0008

Above specifications are valid for monochromator channels.

Repeatability is 10 consecutive runs on a stable sample