

BR - FS1 applies to LOT FS1 8/1 and beyond

**Glass monitor standard (SUS setting up standard)
for XRF-analysis**

Approximate composition in mass %

SiO ₂	59,60
B ₂ O ₃	2,08
F	2,90
Na ₂ O	1,20
MgO	0,82
Al ₂ O ₃	3,85
K ₂ O	18,40
CaO	2,84
TiO ₂	0,04
V ₂ O ₅	1,70
Cr ₂ O ₃	0,27
Fe ₂ O ₃	0,07
CoO	0,25
CuO	1,80
Ga ₂ O ₃	0,09
Rb ₂ O	0,16
Y ₂ O ₃	0,45
ZrO ₂	0,74
Nb ₂ O ₅	0,38
CdO	0,20
In ₂ O ₃	0,26
SnO ₂	0,20
Sb ₂ O ₃	0,25
Cs ₂ O	0,13
BaO	0,34

Ce ₂ O ₃	0,39
Sm ₂ O ₃	0,18
Ta ₂ O ₃	0,36
PbO	0,05

The concentrations of all elements were calculated from the composition of the glass melt.

January 2009

Dipl.Ing.Jaroslav Svacha