

GRUPA II ANALITICA SULFOACIZI As^{3+} , Sb^{5+} , Sn^{2+}

	As^{3+}	Sb^{5+}	Sn^{2+}
H_2S ($2H^+ + S^{2-}$)	As_2S_3	Sb_2S_5	SnS
	sulfura arsenioasa	Sulfura stibica	Sulfura stanoasa
	pp galben	Pp portocaliu	pp brun
	sol in sulfuri alk, hidroxizi alcalini, carbonat de amoniu	Sol in HCl conc,	sol in HCl conc
$SnCl_2$ ($Sn^{2+} + 2Cl^-$) clorura stanoasa	As		
	arsen metalic		
	pp brun-negru		
KI		r de reducere SbO_4^{3-}	SnI_2 (mare exces)
		$+2KI+2HCl= SbO_3^{3-} +$	iodura stanoasa
		$I_2+2KCl+HOH$	pp galben
KOH			$Sn(OH)_2$
			Hidroxid stanos
			Pp alb-gelatinos
			Sol in exces de reacti
NH_4OH ($NH_4^+ + OH^-$)			$Sn(OH)_2$
			hidroxid stanos
			insol in exces de reactiv sol in HCl
$HgCl_2$			Hg_2Cl_2
			Pp cenuziu-negru