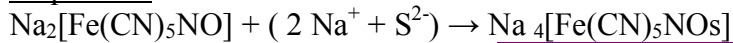


GRUPA II ANALITICA : S²⁻, NO₂⁻, CH₃-COO⁻, HCOO⁻

	S ²⁻	NO ₂ ⁻ nitrit	CH ₃ -COO ⁻	HCOO ⁻
H ₂ SO ₄	H ₂ S	degajare NO, NO ₂	Miros	are miros intepator.
AgNO ₃	Ag ₂ S pp negru	AgNO ₂ alb, cristalin, numai in sol conc	CH ₃ - COOAg acetat de argint pp alb cristalin	HCOOAg pp al cristalin

S²⁻

R specifica

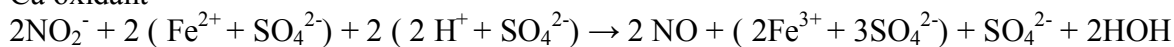


nitroprusiat de sodiu

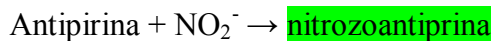
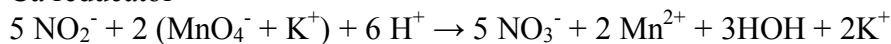
complex colorat rosu-violaceu

NO₂⁻

Ca oxidant



Ca reductor



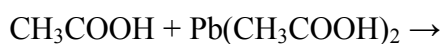
r. specifica



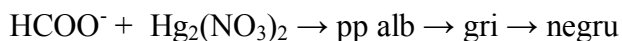
mediu de acid acetic

NO₂⁻ exces → se form pp, sau nu are loc r. (apare o col galbena)

CH₃COO⁻



HCOO





$\text{NO}_2^- + \text{H}_2\text{SO}_4 \rightarrow$ vapori bruni



$\text{NaNO}_2 + \text{H}_2\text{SO}_4 \rightarrow$



$\text{KI} + \text{H}_2\text{SO}_4 \rightarrow$



$\text{Na}_2\text{S} + \text{Na}_2[\text{Fe}(\text{CN})_5\text{NO}] \rightarrow$
Nitroprusiat



$\text{NO}_2^- +$ acidul sulfanicil si α -naftilamina \rightarrow azocolorant rosu

NO_2^- exces \rightarrow se form pp, sau nu are loc r. (apare o col galbena)