



Sulfide Sensory Thresholds and Aroma Descriptions
ng/mL (ppb)

(sensory thresholds from published data)

compound	formula	sensory description	Sensory threshold
hydrogen sulfide	H ₂ S	rotten egg, sewage-like	0.5
ethanethiol	CH ₃ CH ₂ SH	burnt match, earthy, sulfidy	1
methanethiol	CH ₃ SH	rotten cabbage, burnt rubber	1
diethyl sulfide	CH ₃ CH ₂ SCH ₂ CH ₃	rubbery	1
dimethyl sulfide	CH ₃ SCH ₃	canned corn, cooked cabbage, asparagus, vegetal	10-25
diethyl disulfide	CH ₃ CH ₂ SSCH ₂ CH ₃	onion, cabbage, vegetal	4
dimethyl disulfide	CH ₃ SSCH ₃	garlic, burnt rubber	15-30