

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