



>>Variant: Sulfur 33

CAS Registry Number: 14257-58-0

Other Data: $I = +3/2$; $\mu = +0.643821 \mu_N$

>>Variant: Sulfur 34

CAS Registry Number: 13965-97-4

Other Data: $I = +0$; $\mu = 0 \mu_N$

>>Variant: Sulfur 35

CAS Registry Number: 15117-53-0

Source/Synthesis: Prod. from S (n, γ), or ^{77}Cl (d, α)

Use/Importance: Used in diagnostic nuclear medicine

Other Data: $I = 3/2$; $\mu = +1.00 \mu_N$. Decays by $\beta^{(-)}$ emission to ^{35}Cl

>>Variant: Sulfur 36

CAS Registry Number: 14682-80-5

Other Data: $I = +0$; $\mu = 0 \mu_N$

>>Variant: Sulfur 37

CAS Registry Number: 15753-06-7

Source/Synthesis: Prod. from Cl (n,p), Ar (n, α), or ^{36}S (n, γ)

Other Data: $I = -7/2$. Decays by $\beta^{(-)}$ emission to ^{37}Cl

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