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Selenomethionine,

$C_5H_{11}NO_2Se$ 196.11 CAS RN[®]: 1464-42-2.— [**CAUTION**—Handle with care, as this reagent is highly toxic.]

Assay: Weigh accurately about 750 mg, dissolve in 100 mL of methanol, add crystal violet TS, and titrate with 0.1 N perchloric acid to a blue-green endpoint. Each mL of 0.1 N perchloric acid is equivalent to 19.61 mg of $C_5H_{11}NO_2Se$: between 97.0% and 103.0%, calculated on the as-is basis, is found.

MELTING RANGE (741): about 260°, with decomposition.

NITROGEN DETERMINATION (461): Determine by the Kjeldahl method: between 6.8% and 7.4%, calculated on the as-is basis, is found.

Auxiliary Information - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
SELENOMETHIONINE	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

Most Recently Appeared In:

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