



>>Entry Name: Nickel selenides

NiSe

>>Variant: Nickel selenide (NiSe)

CAS Registry Number: 1314-05-2

Molecular Formula: NiSe

Molecular Weight: 137.65

Accurate Mass: 137.851866

Percentage Composition: Ni 42.64%; Se 57.36%

Source/Synthesis: Obt. from Ni + Se

Physical Description: White-grey solid

Solubility: Insol. H₂O, many acids; sol. HNO₃, aqua regia

>>Variant: Nickel selenide (NiSe₂)

CAS Registry Number: 12164-90-8

Molecular Formula: NiSe₂

Molecular Weight: 216.61

Accurate Mass: 217.768386

Percentage Composition: Ni 27.09%; Se 72.91%

References:

Wells, A.F., *Structural Inorg. Chem.*, 5th Ed., Oxford, 1984, 1315, (*struct*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, NDF400