



>>Entry Name: Gallium selenide (GaSe)

CAS Registry Number: 12024-11-2

GaSe

Molecular Formula: GaSe

Molecular Weight: 148.683

Accurate Mass: 148.8421

Percentage Composition: Ga 46.89%; Se 53.11%

General Statement: Obt. in four modifications, one of which is isostructural with the layer struct. of GaS

Physical Description: Red-brown solid

Melting Point: Mp 960°

References:

Klemm, W. *et al.*, *Z. Anorg. Allg. Chem.*, 1934, **219**, 45, (*synth, props*)

Phillips, J.C. *et al.*, *Phys. Rev.*, 1969, **188**, 1225, (*struct, optical props*)

Brauer, G., *Handbuch Prap. Anorg. Chem.*, 3rd edn., Ferdinand Enke Verlag, 1975, **2**, 860, (*synth*)

Wells, A.F., *Structural Inorg. Chem.*, 5th Ed., OUP, 1984, 1150, (*struct*)