



江蘇華宇化工有限公司
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Specification of Germanium sesquioxide

ITEMS	SPECIFICATION
Appearance	White crystalline powder
Ge-132	Not less than 99.99%
Ge	Not less than 42.5%
Pb(mg/kg)	Not more than 0.5ppm
As(mg/kg)	Not more than 0.5ppm
Cd(mg/kg)	Not more than 0.1ppm
Cu(mg/kg)	Not more than 1ppm
Hg(mg/kg)	Not more than 0.1ppm
Chloride(Cl)	Not more than 50ppm
P	Not more than 10ppm
GeO ₂ (mg/kg)	Not more than 5ppm
pH	2.5 ~ 2.6
Specific gravity	Not more than 1.28g/cm ³
Loss on drying	Not more than 0.3%
Particle size	95% pass 200 mesh
Solubility	Approximate 20g/L (60°C)
Total aerobic counts	Not more than 100cfu/g
Mould/Yeasts	Not more than 100cfu/g
Salmonella	Negative
Staphylococcus aureus	Negative