

高纯镓

用于化合物半导体

衬底：GaN氮化镓、GaAs砷化镓、GaP磷化镓

外延层：MBE, LPE, VPE

500g ingot
27W x 110L x 33Hmm



100g ingot
18W x 84L x 14Hmm



500g Bottle



2000g~3000g Bottle



1g shot

Certificate of Analysis

1.Shipping Contents

Product name HIGH PURITY GALLIUM
 Grade 6N
 Lot No. 0007

2.Analysis Results

Units:ppmw

Element	Actual	Specification	Element	Actual	Specification
Lithium (Li)	<0.002	—	Silver (Ag)	<0.03	< 0.09
Beryllium (Be)	<0.002	< 0.004	Cadmium (Cd)	<0.08	< 0.2
Boron (B)	<0.001	—	Indium (In)	<0.02	<0.05
Fluorine (F)	<0.01	—	Tin (Sn)	<0.03	< 0.2
Sodium (Na)	<0.002	—	Antimony (Sb)	<0.005	—
Magnesium (Mg)	<0.002	≦0.02	Tellurium (Te)	<0.01	—
Aluminium (Al)	<0.005	≦0.02	Iodine (I)	<0.002	—
Silicon (Si)	<0.003	≦0.02	Caesium (Cs)	<0.002	—
Phosphorus (P)	<0.003	—	Barium (Ba)	<0.01	< 0.08
Sulfur (S)	<0.003	—	Lanthanum (La)	<0.002	—
Chlorine (Cl)	<0.002	—	Cerium (Ce)	<0.01	—
Potassium (K)	<0.02	—	Praseodymium (Pr)	<0.002	—
Calcium (Ca)	<0.02	≦0.06	Neodymium (Nd)	<0.002	—
Scandium (Sc)	<0.001	—	Samarium (Sm)	<0.001	—
Titanium (Ti)	<0.002	< 0.03	Europium (Eu)	<0.002	—
Vanadium (V)	<0.001	< 0.02	Gadolinium (Gd)	<0.002	—
Chromium (Cr)	<0.003	< 0.03	Terbium (Tb)	<0.001	—
Manganese (Mn)	<0.002	< 0.02	Dysprosium (Dy)	<0.002	—
Iron (Fe)	<0.003	< 0.03	Holmium (Ho)	<0.002	—
Cobalt (Co)	<0.001	< 0.03	Erbium (Er)	<0.003	—
Nickel (Ni)	<0.003	< 0.04	Thulium (Tm)	<0.001	—
Copper (Cu)	<0.005	< 0.04	Ytterbium (Yb)	<0.002	—
Zinc (Zn)	<0.008	< 0.06	Lutetium (Lu)	<0.001	—
Germanium (Ge)	<0.05	< 0.09	Hafnium (Hf)	<0.003	—
Arsenic (As)	<0.005	—	Tungsten (W)	<0.01	< 0.3
Selenium (Se)	<0.03	—	Rhenium (Re)	<0.002	—
Bromine (Br)	<0.01	—	Osmium (Os)	<0.002	—
Rubidium (Rb)	<0.003	—	Iridium (Ir)	<0.002	—
Strontium (Sr)	<0.01	—	Platinum (Pt)	<0.03	—
Yttrium (Y)	<0.001	—	Gold (Au)	<0.01	< 0.08
Zirconium (Zr)	<0.005	< 0.08	Mercury (Hg)	<0.01	< 0.3
Niobium (Nb)	<0.005	< 0.04	Thallium (Tl)	<0.005	< 0.1
Molybdenum (Mo)	<0.02	< 0.2	Lead (Pb)	<0.01	< 0.2
Ruthenium (Ru)	<0.008	—	Bismuth (Bi)	<0.003	< 0.09
Rhodium (Rh)	<0.01	—	Thorium (Th)	<0.001	—
Palladium (Pd)	<0.03	—	Uranium (U)	<0.001	—