

High Purity Arsenic

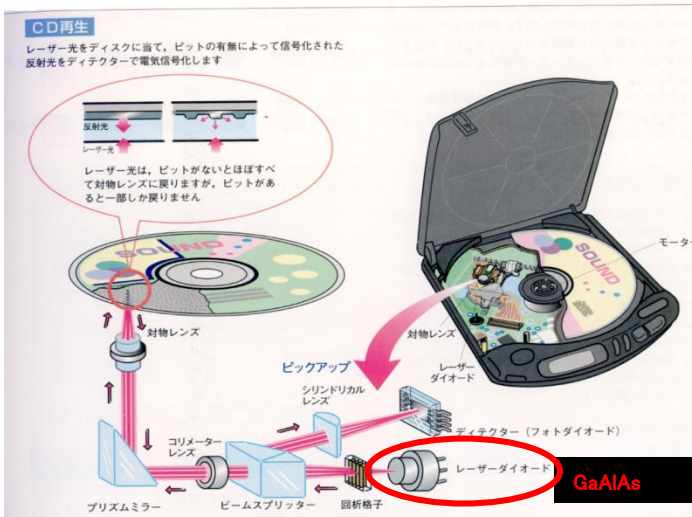


Specification	
Purity	6N, 7N, 7N5
Particle Size	1-4mm, 4-20mm
Bottle	5g, 10g, 20g, 2000g



Application

- Raw material for GaAs single crystal ⇒ LED, LD, HEMT, HBT
- Raw material for doping of Si single crystal ⇒ Discreet Device etc.
- Raw material for doping of ion implantation ⇒ Discreet Device etc.
- Raw material for Chalcogenides ⇒ IR-Lenz etc.



Pick-Up-LD for CD



Traffic Light for LED

FURUKAWA CO.,LTD.

FURUKAWA DENSHI Co.,LTD
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Arsenic Rod for MBE



Application

Raw material for MBE
HEMT device
HBT device etc.

Tolerance

Length:
+0,-10mm
Diameter:
±1mm
Weight:
±5g

*If you have any other size you would require, we can discuss about this issue.

Size (mm)	Weight (g)
10 φ × 100L	40
15 φ × 100L	95
20 φ × 88L	145
24.5 φ × 88L	210
32 φ × 100L	405
50 φ × 100L	990
53.5 φ × 100L	1,140
58.5 φ × 100L	1,345
65 φ × 70L	1,150
65 φ × 130L	2,220
100 φ × 120L	4,625
110 φ × 100L	4,610
110 φ × 136L	6,420
15-18 φ × 88L	95
15-20 φ × 135L	175
18-22 φ × 88L	145
19-29-33 φ × 152L	550

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GD-MS Example Data

element	As (unit:at ppm)			Detection Limit
	6N	7N	7.5N	
Li	< 0.01	< 0.01	< 0.01	0.01
Be	< 0.01	< 0.01	< 0.01	0.01
Be	< 0.05	< 0.05	< 0.02	0.01
Na	< 0.2	< 0.1	< 0.05	0.01
Mg	< 0.05	< 0.01	< 0.01	0.01
Si	< 0.1	< 0.1	< 0.05	0.01
P	< 0.01	< 0.01	< 0.01	0.01
S	< 0.1	< 0.05	< 0.03	0.01
K	< 0.05	< 0.05	< 0.02	0.02
Ca	< 0.2	< 0.2	< 0.1	0.1
V	< 0.01	< 0.01	< 0.01	0.01
Cr	< 0.05	< 0.05	< 0.01	0.01
Mn	< 0.01	< 0.01	< 0.01	0.01
Fe	< 0.1	< 0.1	< 0.05	0.01
Ni	< 0.03	< 0.03	< 0.01	0.01
Co	< 0.01	< 0.01	< 0.01	0.01
Cu	< 0.03	< 0.03	< 0.01	0.01
Zn	< 0.03	< 0.03	< 0.01	0.01
Ge	< 0.03	< 0.03	< 0.03	0.03
]Se	< 0.1	< 0.1	< 0.05	0.05
Nb	< 0.01	< 0.01	< 0.01	0.01
Cd	< 0.03	< 0.03	< 0.03	0.03
Sn	< 0.03	< 0.03	< 0.03	0.03
Sb	< 0.01	< 0.01	< 0.01	0.01
Te	< 0.02	< 0.02	< 0.02	0.02
Ba	< 0.01	< 0.01	< 0.01	0.01
Hg	< 0.01	< 0.01	< 0.01	0.01
Pb	< 0.01	< 0.01	< 0.01	0.01
Bi	< 0.01	< 0.01	< 0.01	0.01

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