

## Specification Sheet

Purity: 99.5%

Stock No: NS6130-10-1104, CAS: 25617-97-4

<b>Product</b>	:	<b>Gallium Nitride Substrate</b>
Stock No	:	NS6130-10-1104
CAS	:	25617-97-4
Purity	:	>99.5%
Size	:	“(50.8)+/-1mm
Thickness	:	260+/-20um
Color	:	Transparent
Shape	:	Crystal slices
Conduction Type	:	N-type
Orientation	:	C-axis(0001)+/-0.5o
Primary Flat Location	:	(1-100)+/-0.5o
Primary Flat Length	:	16+/-1mm
Secondary Flat Location	:	(11-20)+/-3o
Secondary Flat Length	:	8+/-1mm
Resistivity(300K)	:	< 0.5Ω•cm
Dislocation Density	:	< 5×10 <sup>6</sup> cm <sup>-2</sup>
Marco Defect Density	:	< =2cm <sup>-2</sup>
Surface Finish Ra	:	< 0.2nm
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

**Note:** Product Specification are subject to amendment and may change over time