

# Certificate of Analysis

August 29, 2025

**Product Name:** Indium Sheet, Neat Surfaces

**Chemical Formula:** In

**Purity:** 99.995% (4N5)

## 1. Indium Sheet

Dimensions: 80 × 80 × 0.5 mm

Quantity: 290 pcs

## 2. Indium Sheet

Dimensions: 80 × 80 × 1.5 mm

Quantity: 6 pcs

**Batch Number:** MTYT-KY250823RW

## Physical Description

- Form: Metallic sheets
- Appearance: Silvery-white, soft metal
- Crystal Structure: Tetragonal
- Theoretical Density: ~7.31 g/cm<sup>3</sup>
- Fabrication: Rolled and precision cut, neat surfaces

## Theoretical Composition

- **Element:** Indium (In)
- **Atomic Weight:** 114.82 g/mol
- **Mass Fraction:** 100% In (elemental metal)

## Chemical Composition (by ICP-MS / GDMS)

Element	Symbol	Max. Content (ppm)
Indium	In	Balance (>99.995%)

Element	Symbol	Max. Content (ppm)
Pb	Pb	<1.2
Tl	Tl	<4.1
Cd	Cd	<2.6
Fe	Fe	<0.7
Zn	Zn	<3
Sn	Sn	<2.8
Cu	Cu	<1
Other trace elements (each) –		<5
<b>Total Impurities</b>	–	<50 ppm

### Handling & Storage

- Indium is soft and easily deformed, avoid mechanical pressure.
- Store in clean, vacuum-sealed packaging to prevent surface oxidation.
- Handle with gloves to keep surfaces neat and free of contamination.

### Declaration

We certify that the above products have been manufactured and tested according to our internal quality standards and conform to the specifications stated herein.

### Authorized Signature:

Inspection Certificate by: Nancy Liu

Approver by: Chen Qiang

