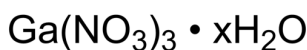


## Certificate of Analysis

### Compound Information

Product Name:	Gallium trinitrate hydrate
Cat. No.:	1178494
CAS No.:	69365-72-6
Molecular Formula:	$\text{Ga}(\text{NO}_3)_3 \cdot x\text{H}_2\text{O}$
Molecular Weight:	255.74 (anhydrous basis)
Chemical Structure:	



### Batch Information

Batch No.:	Lg0707276318
Storage:	Store at room temperature
Test Date:	2023-07-07
Retest Date:	2028-07-06
Origin:	Shanghai, China

### QC Summary

	Specification	Result
Appearance:	White to off-white (Solid)	White (Solid)
Purity, $\omega/\%$ :	$\geq 99.99$	99.99
Gallium (Ga), $\omega/\%$ :	$\geq 22.50$	22.5
Iron(Fe), ppm:	$\leq 0.90$	0.90
Aluminium(Al), ppm:	$\leq 0.80$	0.80
Calcium(Ca), ppm:	$\leq 0.50$	0.50
Magnesium(Mg), ppm:	$\leq 0.60$	0.60
Manganese(Mn), ppm:	$\leq 0.05$	0.05
Lead(Pb), ppm:	$\leq 0.10$	0.10
Zinc(Zn), ppm:	$\leq 1.0$	1.00
Cobalt(Co), ppm:	$\leq 0.01$	0.01
Nickel(Ni), ppm:	$\leq 0.40$	0.40
Copper(Cu), ppm:	$\leq 1.20$	1.20
Indium (In), ppm:	$\leq 0.05$	0.05
Bismuth (Bi), ppm:	$\leq 0.04$	0.04

**Tin(Sn),ppm:**

≤0.10

0.10

**Conclusion:**

The product has been tested and complies with the given specifications.

**Caution: Research use only and are not intended for human use.**

Tel: 400-821-0725

E-mail: [product@leyan.com](mailto:product@leyan.com)

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai