



Certificate of Analysis

Product Name	Organic Germanium	Chemical Name	Germanium Sesquioxide
Standard	Q/LXZ J02-2011	Manufacture Date	Apr. 5, 2022
Batch Number	LYPH220405	Analysis Date	Apr. 8, 2022
Batch Quantity	20kg	Expiration Date	Apr. 4, 2024

Test	Specifications	Test Results	Test Method
Ge-132(%)	≥ 99.95%	99.98%	KIO ₃ Volumetric Titration
GeO ₂ (%)	≤ 0.02	0.015	Hidride Spectrophotomity
Cd (mg/kg)	≤ 0.1	0.05	Graphite Furnece Absorption
Pb (mg/kg)	≤ 0.5	0.01	
Hg (mg/kg)	≤ 0.1	0.01	Atomic Fuorescence
As (mg/kg)	≤ 0.1	Not detected	
PH	2.5-2.6	2.5	Hidride Spectrophotomity
Character	White powder	Conform	/
Loss on drying(2h,105°C)	≤0.18%	Conform	/
Density	≤1.28g/cm ³	Conform	/
Solubility in water	20g/L (60°C)	Conform	/
Particle size	100% min pass 200 mesh	Conform	/
Conductivity of water solution	763us/cm	Conform	/
Bacilli Amount(Entvies/g)	≤ 100	10	/
Coliform Amount (Entvies/100g)	≤ 30	30	/
Nosogenesis bacilli	Can not be detected	Not detected	/
Conclusion	Conforms to Q/LXZ J02-2011 standard.		
Storage	Store in cool & dry place. Keep away from strong light and heat.		
Shelf Life	2 years when properly stored.		

Quality Assurance Officer:董文

Corrector:李丽

Analyst:贺强

