

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2026-09-16 10:56:15

Date of Next Testing: 2027-09-15 10:56:15

Product Name: **Zirconium butoxide solution**

CAS Number: 1071-76-7

Specifications & Purity: 80 wt. % n-butanol solution

Lot #: C2617232

SKU #: **S40640**

Version: **0**

Analysis #: **688030**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Hydrolyzable Chloride	0-1000 (ppm)	52.12 ppm
Density (20°C)	1.06-1.08	1.07
Iron(Fe)	0-300 (ppm)	13.00 ppm
ZrO ₂ basis	27-29 (%)	28.60 %
Concentration(Chelometric Method)	80-86 (%)	85.40 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Clear, Colorless to Yellow	pass	Pass
Appearance(S40640)	Colorless to Yellow Viscous Liquid	Colorless to Yellow Viscous Liquid

Quality Assurance : Xiaoyong Tan
Quality Control : Yunfei Zhu

