



西安菲斯弗生物科技有限公司

Xi'an Faithful Biological Technology Co., Ltd.

Certificate of Analysis-Dequalinium chloride

CAS 522-51-0

Batch Number: FTF20260317 Batch Quantity: 335kg

Manufacture Date: Mar.15th,2026 Analysis Date: Mar.16th,2026 Certificate Date: Mar.17th,2026

Storage Store in cool & dry place. Store in well-closed containers.

Shelf life 3 years when properly stored.

Item	Specification	Result
Appearance	White powder	White powder
Odor	Odorless or slight characteristic odor	Odorless
Solubility	Soluble in water and ethanol	Complies
Assay (C ₃₀ H ₄₀ Cl ₂ N ₄)	98.0% ~ 102.0%	99.4%
pH (1% aqueous solution)	5.0 ~ 7.0	6.2
Loss on Drying	≤ 1.0%	0.38%
Residue on Ignition	≤ 0.1%	0.05%
Heavy Metals (Pb)	≤ 10 ppm	< 10 ppm
Arsenic (As)	≤ 2 ppm	< 2 ppm
Related Substances Single Impurity	≤ 0.2%	0.08%
Total Impurities	≤ 0.5%	0.21%

Conclusion: Conform with enterprise specification .

QC MANAGER: 刘娟 INSPECTOR: 黄子烨

