



ZIBO KUNRAN ENTERPRISES CO LTD.

淄博坤然国际贸易有限公司

Add: No. 96, Jinjing Avenue, Zibo, Shandong, China, 255000

Tel: 86-533-5200669 Fax: 86-533-5207669 Http://www.kunranchem.com

## Certificate of Analysis

Product name	N-Alkyl(C12-16)-N-benzyl-N,N-dimethylammoniumchloride (80% in Water) (C12:C14:C16=4:5:1) or Benzalkonium chloride	Package	200kg/drum
Batch NO.	BKC20191020	MFG Date	2019.10.20
CAS.NO	68424-85-1	Report date	2021.10.19
Lot Qty	4000 Kg	Shipped Qty	2000 Kg

Test Item	Standard	Test Result
Appearance (at 30°C)	Colorless to pale yellow clear liquid	Conform
Active Assay	80% ±2	80.56%
Free amine and its salt	≤1.5%	0.59%
Ph (10% aqueous)	5-9	6.65
Conclusion	Qualified	

ANALYSED BY: Zheng Fayin CHECKED BY: Wang Changbo