



ZIBO KUNRAN ENTERPRISES CO LTD.

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

Contacts:Mona Zhang Mail:monazhangchem@163.com Skype:monazhangchem

Tel: 86-533-5200669 Fax: 86-533-5207669 URL: [Http://www.kunranchem.com](http://www.kunranchem.com)

Certificate of Analysis

Product Name	4-Bromobutyric acid	Package	25 Kg/Drum
Batch NO.	BTA20191205	MFG Date	2019.12.05
CAS.NO	2623-87-2	EXP Date	2020.12.04
Lot Qty	1000kg	Shipped Qty	100 kg

Item	Standard	Test Result
Appearance (20℃)	Brown-yellow solid	Conform
Assay (HPLC)	≥97%	98.64%
Melting point (℃)	29-32	29.2-30.3
Water content (%)	≤1	0.32
Conclusion	It conform with the enterprise quality standard	

Analyzed by: Hui'e Zhang Checked by: Fayin Zheng Audited by: Changbo Wang