



# SINOTRUST INTERNATIONAL TRADE CO. LTD

RM101 NO.62 TAOXIAN STREET, ZHONGSHAN DIST DALIAN CHINA

## CERTIFICATE OF ANALYSIS

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Product Name/品名: BRONOPOL  
 CAS NO.: 52-51-7  
 Batch No./批号: 201812105  
 Quantity/重量: 1000 KGS  
 MFG Date/生产日期: DEC.13,2018

This is to certify that the shipment identified below has been representatively Sampled and analyzed according to quality control program of the manufacture. The results of these analysis are listed as below.

Item/项目	Standard/指标值	Result/检测结果
性状 Characteristics	白色或几乎白色结晶或结晶性粉末 White or almost white crystals or crystalline powder	合格 Conform to BP2016
熔点 Melting Point	123-131 °C	130.0-130.5 °C
酸碱度 Acidity or Alkalinity	PH 5.0-7.0 (1% w/v)	5.4
有关物质 Related substances	2-甲基-2-硝基-1,3丙烷二醇 不超过0.5% 2-methyl-2-nitropropane-1,3-diol NMT0.5%	0.01%
	三(羟甲基)硝基甲烷 不超过 0.5% Tris(hydroxymethyl)nitromethane NMT0.5%	0.02%
	溴化钠 不超过0.5% NaBr NMT 0.5%	0.02%
	其他杂质不超过0.1% Any other impurity NMT 0.1%	0.04%
水份 Water (KF, Method I B)	NMT 0.5%	0.20%
灼烧残渣 Sulphated Ash	NMT 0.1%	Pass
含量 Assay	99.00%-101.0%	99.20%

Conclusion: Conform to BP2016.

*For and on behalf of*  
 SINOTRUST INTERNATIONAL TRADE CO. LTD  
 大连丰越国际贸易有限公司

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*Authorized Signature(s)*