



湖北九凤翔化工有限责任公司
HUBEI PHOENIX CHEMICAL COMPANY LIMITED

CERTIFICATE OF ANALYSIS

PRODUCT NAME: BENZOGUANAMINE

MOLECULAR FORMULA: C₉H₉N₅

CAS NO: 91-76-9

PACKAGE: 25KG/BAG

BATCH NO.: 20121110

MANUFACTURE DATE: NOV 10, 2012

ANALYSIS DATE: NOV 10, 2012

EXPIRATION DATE: NOV 9, 2014

NO	ITEMS OF ANALYSIS	SPECIFICATION	RESULT
1	APPEARANCE	WHITE CRYSTALLINE POWDER	WHITE CRYSTALLINE POWDER
2	MOISTURE (%)	0.1 MAX	0.04
3	MELTING POINT (°C)	224-228	227.5
4	FREE ALKALI (%)	0.05 MAX	0.0071
5	ASH (%)	0.05 MAX	0.011
6	COLOR (APHA)	50 MAX	30

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陈德斌

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CAS NO: 91-76-9

PACKAGE: 25KG/BAG

BATCH NO.: 20121112

MANUFACTURE DATE: NOV 12, 2012

ANALYSIS DATE: NOV 12, 2012

EXPIRATION DATE: NOV 11, 2014

NO	ITEMS OF ANALYSIS	SPECIFICATION	RESULT
1	APPEARANCE	WHITE CRYSTALLINE POWDER	WHITE CRYSTALLINE POWDER
2	MOISTURE (%)	0.1 MAX	0.05
3	MELTING POINT (°C)	224-228	227
4	FREE ALKALI (%)	0.05 MAX	0.0075
5	ASH (%)	0.05 MAX	0.010
6	COLOR (APHA)	50 MAX	30

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CAS NO: 91-76-9

PACKAGE: 25KG/BAG

BATCH NO.: 20121113

MANUFACTURE DATE: NOV 13, 2012

ANALYSIS DATE: NOV 13, 2012

EXPIRATION DATE: NOV 12, 2014

NO	ITEMS OF ANALYSIS	SPECIFICATION	RESULT
1	APPEARANCE	WHITE CRYSTALLINE POWDER	WHITE CRYSTALLINE POWDER
2	MOISTURE (%)	0.1 MAX	0.04
3	MELTING POINT (°C)	224-228	227.5
4	FREE ALKALI (%)	0.05 MAX	0.009
5	ASH (%)	0.05 MAX	0.02
6	COLOR (APHA)	50 MAX	35

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CAS NO: 91-76-9

PACKAGE: 25KG/BAG

BATCH NO.: 20121115

MANUFACTURE DATE: NOV 15, 2012

ANALYSIS DATE: NOV 15, 2012

EXPIRATION DATE: NOV 14, 2014

NO	ITEMS OF ANALYSIS	SPECIFICATION	RESULT
1	APPEARANCE	WHITE CRYSTALLINE POWDER	WHITE CRYSTALLINE POWDER
2	MOISTURE (%)	0.1 MAX	0.07
3	MELTING POINT (°C)	224-228	226.5
4	FREE ALKALI (%)	0.05 MAX	0.0065
5	ASH (%)	0.05 MAX	0.01
6	COLOR (APHA)	50 MAX	30

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CAS NO: 91-76-9

PACKAGE: 25KG/BAG

BATCH NO.: 20121117

MANUFACTURE DATE: NOV 17, 2012

ANALYSIS DATE: NOV 17, 2012

EXPIRATION DATE: NOV 16, 2014

NO	ITEMS OF ANALYSIS	SPECIFICATION	RESULT
1	APPEARANCE	WHITE CRYSTALLINE POWDER	WHITE CRYSTALLINE POWDER
2	MOISTURE (%)	0.1 MAX	0.02
3	MELTING POINT (°C)	224-228	227.2
4	FREE ALKALI (%)	0.05 MAX	0.006
5	ASH (%)	0.05 MAX	0.02
6	COLOR (APHA)	50 MAX	30

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MOLECULAR FORMULA: C₉H₉N₅

CAS NO: 91-76-9

PACKAGE: 25KG/BAG

BATCH NO.: 20121118

MANUFACTURE DATE: NOV 18, 2012

ANALYSIS DATE: NOV 18, 2012

EXPIRATION DATE: NOV 17, 2014

NO	ITEMS OF ANALYSIS	SPECIFICATION	RESULT
1	APPEARANCE	WHITE CRYSTALLINE POWDER	WHITE CRYSTALLINE POWDER
2	MOISTURE (%)	0.1 MAX	0.07
3	MELTING POINT (°C)	224-228	226.8
4	FREE ALKALI (%)	0.05 MAX	0.014
5	ASH (%)	0.05 MAX	0.023
6	COLOR (APHA)	50 MAX	25

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CAS NO: 91-76-9

PACKAGE: 25KG/BAG

BATCH NO.: 20121119

MANUFACTURE DATE: NOV 19, 2012

ANALYSIS DATE: NOV 19, 2012

EXPIRATION DATE: NOV 18, 2014

NO	ITEMS OF ANALYSIS	SPECIFICATION	RESULT
1	APPEARANCE	WHITE CRYSTALLINE POWDER	WHITE CRYSTALLINE POWDER
2	MOISTURE (%)	0.1 MAX	0.04
3	MELTING POINT (°C)	224-228	227
4	FREE ALKALI (%)	0.05 MAX	0.002
5	ASH (%)	0.05 MAX	0.032
6	COLOR (APHA)	50 MAX	25

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MOLECULAR FORMULA: C₉H₉N₅

CAS NO: 91-76-9

PACKAGE: 25KG/BAG

BATCH NO.: 20121120

MANUFACTURE DATE: NOV 20, 2012

ANALYSIS DATE: NOV 20, 2012

EXPIRATION DATE: NOV 19, 2014

NO	ITEMS OF ANALYSIS	SPECIFICATION	RESULT
1	APPEARANCE	WHITE CRYSTALLINE POWDER	WHITE CRYSTALLINE POWDER
2	MOISTURE (%)	0.1 MAX	0.07
3	MELTING POINT (°C)	224-228	226.2
4	FREE ALKALI (%)	0.05 MAX	0.0083
5	ASH (%)	0.05 MAX	0.026
6	COLOR (APHA)	50 MAX	30

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CAS NO: 91-76-9

PACKAGE: 25KG/BAG

BATCH NO.: 20121121

MANUFACTURE DATE: NOV 21, 2012

ANALYSIS DATE: NOV 21, 2012

EXPIRATION DATE: NOV 20, 2014

NO	ITEMS OF ANALYSIS	SPECIFICATION	RESULT
1	APPEARANCE	WHITE CRYSTALLINE POWDER	WHITE CRYSTALLINE POWDER
2	MOISTURE (%)	0.1 MAX	0.055
3	MELTING POINT (°C)	224-228	227.1
4	FREE ALKALI (%)	0.05 MAX	0.0066
5	ASH (%)	0.05 MAX	0.028
6	COLOR (APHA)	50 MAX	25

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CAS NO: 91-76-9

PACKAGE: 25KG/BAG

BATCH NO.: 20121123

MANUFACTURE DATE: NOV 23, 2012

ANALYSIS DATE: NOV 23, 2012

EXPIRATION DATE: NOV 22, 2014

NO	ITEMS OF ANALYSIS	SPECIFICATION	RESULT
1	APPEARANCE	WHITE CRYSTALLINE POWDER	WHITE CRYSTALLINE POWDER
2	MOISTURE (%)	0.1 MAX	0.03
3	MELTING POINT (°C)	224-228	227.7
4	FREE ALKALI (%)	0.05 MAX	0.0033
5	ASH (%)	0.05 MAX	0.009
6	COLOR (APHA)	50 MAX	25

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