

# Certificate of Analysis "3.1" conform EN 10204

Date : 03.04.2017  
 Delivery note number : 8711078  
 Order number :  
 Customer : Glencore HBA1 Zn  
 Vessel/Voyage : XIN NING BO /V217N  
 Net weight : 294.694 TO  
 Product Code : 4  
 Product Description : Nyrstar A-Z Z1  
 Produced under ISO 9001  
 according to ISO752 ZN1  
 and EN 1179 Z1  
 26 kg slabs strapped in bundles of 1040 kgs  
 G.I. Date :  
 Seal number :  
 Container number :

Page no. 5 of 19



99.995% ZINC MINIMUM  
LME DELIVERABLE QUALITY

Zinc by difference using named impurities.

Assay No.	Bundle from	Bundle to	Total weight	Prod. release date	Zinc	Min	Max
000417001237	0950095	0950115	9.182	23.03.2017	99.997	0.0002	0.0004
000417001238	0950117	0950127	7.211	23.03.2017	99.997	0.0002	0.0004
000417030747	0949768		1.047	22.03.2017	99.996	0.0002	0.0004
						0.0000	0.0014
						0.0000	0.0014
						0.0000	0.0034
						0.0000	0.0014
						0.0000	0.0014
						0.0000	0.0024
						0.0000	0.0001



# Certificate of Analysis "3.1" conform EN 10204

Date : 03.04.2017  
Delivery note number : 8711078  
Order number :  
Customer : Glencore HBA1 Zn  
Vessel/Voyage : XIN NING BO /V217N  
Net weight : 294.694 TO  
Product Code : 4  
Product Description : Nyrstar A-Z Z1  
Produced under ISO 9001  
according to ISO752 ZN1  
and EN 1179 Z1  
26 kg slabs strapped in bundles of 1040 kgs  
G.I. Date :  
Seal number :  
Container number :

Page no. 7 of 19



99.995% ZINC MINIMUM  
LME DELIVERABLE QUALITY

Zinc by difference using named impurities.

Assay No.	000417001241	000417030760	000417030767
Bundle from	0950356	0950276	0950446
Bundle to	0950365	0950283	0950449
Total weight	8.212	6.978	4.189
Prod. release date	23.03.2017	23.03.2017	23.03.2017
Zinc	99.996	99.997	99.996
Aluminium % (4d)	0.0002	0.0002	0.0002
Tin % (4d)	0.0004	0.0004	0.0004
Lead % (4d)	0.0017	0.0014	0.0019
Iron % (4d)	0.0003	0.0003	0.0003
Copper % (4d)	0.0002	0.0002	0.0002
Cadmium % (4d)	0.0008	0.0007	0.0008
Magnesium % (4d)	0.0001	0.0001	0.0001
	<	<	<
	<	<	<
	<	<	<
	<	<	<
	<	<	<
	<	<	<
	<	<	<

# Certificate of Analysis "3.1" conform EN 10204

Date : 03.04.2017  
 Delivery note number : 8711078  
 Order number :  
 Customer : Glencore HBA1 Zn  
 Vessel/Voyage : XIN NING BO /V217N  
 Net weight : 294.694 TO  
 Product Code : 4  
 Product Description : Nyrstar A-Z Z1  
 Produced under ISO 9001 according to ISO752 ZN1 and EN 1179 Z1  
 26 kg slabs strapped in bundles of 1040 kgs  
 G.I. Date :  
 Seal number :  
 Container number :



99.995% ZINC MINIMUM  
 LME DELIVERABLE QUALITY

Zinc by difference using named impurities.

Assay No.	Bundle from	Bundle to	Total weight	Prod. release date	Zinc	Min	Max
000417030768	0950452	0950463	11.018	23.03.2017	99.996	0.0000	0.0014
000417030769	0950465	0950469	5.090	23.03.2017	99.996	0.0000	0.0014
000417030771	0950498	0950499	1.994	23.03.2017	99.996	0.0000	0.0014
						0.0000	0.0014
						0.0000	0.0014
						0.0000	0.0034
						0.0000	0.0014
						0.0000	0.0014
						0.0000	0.0024
						0.0000	0.0001
						0.0000	<
						0.0000	<
						0.0002	<
						0.0004	<
						0.0019	<
						0.0003	<
						0.0002	<
						0.0008	<
						0.0001	<
						0.0002	<
						0.0004	<
						0.0019	<
						0.0003	<
						0.0002	<
						0.0008	<
						0.0001	<

# Certificate of Analysis "3.1" conform EN 10204

Date : 03.04.2017  
 Delivery note number : 8711078  
 Order number :  
 Customer : Glencore HBA1 Zn  
 Vessel/Voyage : XIN NING BO /V217N  
 Net weight : 294.694 TO  
 Product Code : 4  
 Product Description : Nyrstar A-Z Z1  
 Produced under ISO 9001  
 according to ISO752 ZN1  
 and EN 1179 Z1  
 26 kg slabs strapped in bundles of 1040 kgs  
 G.I. Date :  
 Seal number :  
 Container number :

Page no. 9 of 19



99.995% ZINC MINIMUM  
LME DELIVERABLE QUALITY

Zinc by difference using named impurities.

Assay No.	Bundle from	Bundle to	Total weight	Prod. release date	Zinc	Min	Max
000417001247	0950575	0950581	4.012	23.03.2017	99.996		
000417001253	0950656	0950657	2.092	23.03.2017	99.996		
000417030772	0950514	0950523	10.191	23.03.2017	99.996		
Aluminium % (4d)	0.0000	0.0014	<	0.0002		<	
Tin % (4d)	0.0000	0.0014	<	0.0004		<	
Lead % (4d)	0.0000	0.0034		0.0018			
Iron % (4d)	0.0000	0.0014		0.0003			
Copper % (4d)	0.0000	0.0014		0.0002			
Cadmium % (4d)	0.0000	0.0024		0.0008			
Magnesium % (4d)	0.0000	0.0001	<	0.0001		<	

# Certificate of Analysis "3.1" conform EN 10204

Page no. 10 of 19



Date : 03.04.2017  
Delivery note number : 8711078  
Order number :  
Customer : Glencore HBA1 Zn  
Vessel/Voyage : XIN NING BO /V217N  
Net weight : 294.694 TO  
Product Code : 4  
Product Description :  
: Nyrstar A-Z Z1  
: Produced under ISO 9001  
: according to ISO752 ZN1  
: and EN 1179 Z1  
: 26 kg slabs strapped in bundles of 1040 kgs  
G.I. Date :  
Seal number :  
Container number :

99.995% ZINC MINIMUM  
LME DELIVERABLE QUALITY

Zinc by difference using named impurities.

	000417001254		000417001255		000417001256	
	Min	Max	Min	Max	Min	Max
Assay No.						
Bundle from						
Bundle to						
Total weight						
Prod. release date						
Zinc						
Aluminium % (4d)	0.0000	0.0014	0.0002	0.0002	0.0002	0.0002
Tin % (4d)	0.0000	0.0014	0.0004	0.0004	0.0004	0.0004
Lead % (4d)	0.0000	0.0034	0.0018	0.0016	0.0016	0.0016
Iron % (4d)	0.0000	0.0014	0.0003	0.0003	0.0004	0.0004
Copper % (4d)	0.0000	0.0014	0.0002	0.0002	0.0002	0.0002
Cadmium % (4d)	0.0000	0.0024	0.0008	0.0009	0.0009	0.0009
Magnesium % (4d)	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001

# Certificate of Analysis "3.1" conform EN 10204

Date : 03.04.2017  
 Delivery note number : 8711078  
 Order number :  
 Customer : Glencore HBA1 Zn  
 Vessel/Voyage : XIN NING BO /V217N  
 Net weight : 294.694 TO  
 Product Code : 4  
 Product Description : Nyrstar A-Z Z1  
 Produced under ISO 9001 according to ISO752 ZN1 and EN 1179 Z1  
 26 kg slabs strapped in bundles of 1040 kgs  
 G.I. Date :  
 Seal number :  
 Container number :

99,995% ZINC MINIMUM  
 LME DELIVERABLE QUALITY

Zinc by difference using named impurities.

Assay No.	Bundle from	Bundle to	Total weight	Prod. release date	Zinc	Min	Max
000417001257	0950716	0950725	10.262	23.03.2017	99.996	0.0000	0.0002
						0.0014	<
						0.0000	<
						0.0000	0.0034
						0.0000	0.0014
						0.0000	0.0014
						0.0000	0.0024
						0.0000	0.0001
						0.0000	<
						0.0000	<
						0.0000	0.0002
						0.0000	0.0004
						0.0000	0.0015
						0.0004	0.0004
						0.0002	0.0003
						0.0000	0.0002
						0.0000	0.0008
						0.0000	0.0001
000417001258	0950730	0950737	4.119	23.03.2017	99.996	0.0002	0.0002
						0.0004	<
						0.0015	<
						0.0004	0.0004
						0.0002	0.0020
						0.0009	0.0003
						0.0001	0.0002
						0.0002	0.0008
						0.0009	0.0002
						0.0001	0.0001
000417001259	0950742	0950745	4.068	23.03.2017	99.996	0.0002	0.0002
						0.0004	<
						0.0020	<
						0.0003	0.0004
						0.0002	0.0003
						0.0008	0.0002
						0.0001	0.0008
						0.0001	0.0001



# Certificate of Analysis "3.1" conform EN 10204

Date : 03.04.2017

Delivery note number : 8711078

Order number : 8711078

Customer : Glencore HBA1 Zn

Vessel/Voyage : XIN NING BO /V217N

Net weight : 294.694 TO

Product Code : 4

Product Description : Nyrstar A-Z Z1

Produced under ISO 9001

according to ISO752 ZN1

and EN 1179 Z1

26 kg slabs strapped in bundles of 1040 kgs

G.I. Date :

Seal number :

Container number :

Zinc by difference using named impurities.

Page no. 12 of 19

99.995% ZINC MINIMUM  
LME DELIVERABLE QUALITY



Assay No.	Bundle from	Bundle to	Total weight	Prod. release date	Zinc
	000417001260	0950756	4.211	23.03.2017	99.996
	0950756	0950759	8.473	23.03.2017	99.996
	0950775	8.473	23.03.2017	99.996	99.996
	000417001261	0950764	0950775	23.03.2017	99.996
	000417001262	0950776	0950781	23.03.2017	99.996
Aluminium % (4d)	Min	0.0000	Max	0.0002	<
Tin % (4d)	0.0000	0.0014	<	0.0004	<
Lead % (4d)	0.0000	0.0034	<	0.0020	<
Iron % (4d)	0.0000	0.0014	<	0.0003	<
Copper % (4d)	0.0000	0.0014	<	0.0002	<
Cadmium % (4d)	0.0000	0.0024	<	0.0008	<
Magnesium % (4d)	0.0000	0.0001	<	0.0001	<















