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CERTIFICATE OF ANALYSIS

Product: NPA (n-Propanol) Quantity: 14mt

Batch No: 20111202201 Sampling Date: Dec..2nd, 2012

Analysis date: Dec..2nd, 2012 Sample point: Storage tank

Codes and Standards:

Table with 3 columns: Item, MoA, Result. Rows include Purity (99.91%), Pt-Co Hazen (<5), Moisture (0.029%), Density (0.8035), Evaporation residue (0.0032), Distillation range (97-97.2), Preliminary boiling point (97°C), Final boiling point (97.2°C), Acid value (0.0009).

Conclusion: We stated clearly that the product complies with the Specification

Person in charge:

Test by::



CERTIFICATE OF ANALYSIS

Product: NPAC (n-propyle acetate) **Quantity:** 70mt
Batch No: 20120114 **Sampling Date:** Jan. 14th, 2012
Analysis date: Jan. 14th, 2012 **Sample point:** Storage tank

Codes and Standards:

GB (Determination of volatile organic compounds in cigarette carton and packet packaging papers)

Items	Specification	Results
Purity	99.5%	99.92%
Pt-Co Hazen	No more than 10	5
Moisture	No more than 0.1%	0.04%
Density	0.885-0.890	0.887
Evaporation residue g/100ml	No more than 0.005	0.0032
Distillation range (760 mmHg)		100-110
Preliminary boiling point	100°C	100°C
Final boiling point	No more than 112°C	110°C
Acid value	No more than 0.01%	0.002%
Conclusion:	We stated clearly that the product complies with the Specification.	

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Person in charge:

Test by::



NANJING WUJIANG CHEMICAL CO., LTD.

Add: Maozhuang, Pukou District, Nanjing, Jiangsu, China P.R.C

Tel: +86-25-5829 1588, Fax: +86-25-5829 3186

Certificate of Analysis

Report Date: Feb. 16, 2012
Quantity: 5KGS
Batch No.: 20120215
Sample Point: Storage tank
Analysis Date: Feb. 15, 2012

Product : N-PROPYL ACETATE

Items	Specification	Results
Purity	99.5%min	99.96%
Pt-Co Hazen	No more than 10	4
Moisture	No more than 0.1%	0.06%
Density	0.885-0.890	0.888
Evaporation residue g/100ml	No more than 0.005	0.0030
Distillation range (760 mmHg)		100-110
Preliminary boiling point	100°C	100 °C
Final boiling point	No more than 112 °C	110 °C
Acid value	No more than 0.01%	0.003%
Conclusion:	We stated clearly that the product complies with the Specification of Nanjing Wujiang Chemical CO., Ltd.	

Q.C. Manager:

南京乌江化工有限公司
Nanjing Wujiang Chemical CO., Ltd.
Inspector
柯疏勇



NANJING WUJIANG CHEMICAL CO., LTD.

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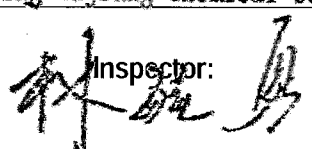
Certificate of Analysis

Report Date: Mar.13, 2012
Quantity: 20.00MT
Batch No.: 20120312
Sample Point: Storage tank
Analysis Date: Mar. 12, 2012

Product :
N-PROPYL ACETATE
(IN TANK)

Items	Specification	Results
Purity	99.5%min	99.96%
Pt-Co Hazen	No more than 10	4
Moisture	No more than 0.1%	0.04%
Density	0.885-0.890	0.888
Evaporation residue g/100ml	No more than 0.005	0.0030
Distillation range (760 mmHg)		100-110
Preliminary boiling point	100°C	100 °C
Final boiling point	No more than 112°C	110 °C
Acid value	No more than 0.01%	0.003%
Conclusion:	We stated clearly that the product complies with the Specification. 南京乌江化工有限公司 Nanjing Wujiang Chemical CO., Ltd.	

Q.C. Manager:

Inspector:




NANJING WUJIANG CHEMICAL CO., LTD.

Add: Maozhuang, Pukou District, Nanjing, Jiangsu, China P.R.C
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Certificate of Analysis

Report Date: Mar.22, 2012
Quantity: 28.80MT
Batch No.: 20120321
Sample Point: Storage tank
Analysis Date: Mar. 21, 2012

Product :
N-PROPYL ACETATE

Items	Specification	Results
Purity	99.5%min	99.95%
Pt-Co Hazen	No more than 10	5
Moisture	No more than 0.1%	0.033%
Density	0.885-0.890	0.887
Evaporation residue g/100ml	No more than 0.005	0.0030
Distillation range (760 mmHg)		100-110
Preliminary boiling point	100°C	100°C
Final boiling point	No more than 112°C	110°C
Acid value	No more than 0.01%	0.003%
Nbac	Less than 50ppm	ND
Conclusion:	We stated clearly that the product complies with the Specification	

Q.C. Manager:

南京乌江化工有限公司
Nanjing Wujiang Chemical Co., Ltd.
Inspector: 林晓勇



NANJING WUJIANG CHEMICAL CO., LTD.

Add: Maozhuang, Pukou District, Nanjing, Jiangsu, China P.R.C
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Certificate of Analysis

Report Date: Apr. 7, 2012
Quantity: 28.80MT
Batch No.: 20120406
Sample Point: Storage tank
Analysis Date: Apr. 6, 2012

Product : N-PROPYL ACETATE

Items	Specification	Results
Purity	99.5%min	99.97%
Pt-Co Hazen	No more than 10	4
Moisture	No more than 0.1%	0.055%
Density	0.885-0.890	0.889
Evaporation residue g/100ml	No more than 0.005	0.0020
Distillation range (760 mmHg)		100-110
Preliminary boiling point	100°C	100 °C
Final boiling point	No more than 112 °C	110 °C
Acid value	No more than 0.01%	0.003%
Nbac	Less than 50ppm	ND
Conclusion:	We stated clearly that the product complies with the Specification of Nanjing Wujiang Chemical CO., Ltd.	

Q.C. Manager:

南京与江化工有限公司
Nanjing Wujiang Chemical CO., Ltd.
林疏勇
Inspector



NANJING WUJIANG CHEMICAL CO., LTD.

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Certificate of Analysis

Report Date: Apr. 19, 2012
Quantity: 20.00MT
Batch No.: 20120418
Sample Point: Storage tank
Analysis Date: Apr. 18, 2012

Product :
N-PROPYL ACETATE
(IN TANK)

Items	Specification	Results
Purity	99.5%min	99.98%
Pt-Co Hazen	No more than 10	3
Moisture	No more than 0.1%	0.035%
Density	0.885-0.890	0.887
Evaporation residue g/100ml	No more than 0.005	0.0030
Distillation range (760 mmHg)		100-110
Preliminary boiling point	100°C	100 °C
Final boiling point	No more than 112 °C	110 °C
Acid value	No more than 0.01%	0.003%
Nbac	Less than 50ppm	ND
Conclusion:	We stated clearly that the product complies with the Specification	

Q.C. Manager:

南京乌江化工有限公司
Nanjing Wujiang Chemical CO., Ltd.
Inspector: