



**SOLVAY**

**SOLVAY  
FLUORIDES, LLC**

**CERTIFICATE OF ANALYSIS**

SOLVAY CHEMICALS, Inc.

**Customer**

**Certificate recipient**

**Transport**

**Batch number** 5300562-1

**Delivery note**

**Order** 4511282141 000010

**Shipping date**

**Customer ref.**

**Packaging**

**Railcar number** GATX006098

**HYDROFLUOSILICIC ACID 23-25%**

**Batch number** 5300562-1

We certify that product loaded into the vessel meets AWWA Standard B703-06 and ANSI/NSF Standard 60 requirements.

<b>Characteristics</b>	<b>Units</b>	<b>Value</b>	<b>Specification</b>
Assay	%(m)	24.140	23.000 - 25.000
Colour	APHA	16	<= 100
HF	%(m)	0.6000	<= 1.0000
Specific Gravity @ 60F		1.2240	
P2O5	%(m)	0.040	
Arsenic (As)	ppm	11.95	
Heavy Metals (as Pb)	%	< 0.0200	

**NSF - 60**

Maximum Use Level: 6.0 mg/L

**Supplier :**

SOLVAY FLUORIDES, LLC  
3333 Richmond  
77098-3099 Houston, TX  
Tel: 713 525-6500 - Fax: 713 525-7806

**Approved by**

Patricia Hill  
Quality & Food Safety Manager  
Solvay Chemicals, Inc.  
3333 Richmond Ave.  
Houston, TX 77098  
Phone 713-525-6510



**SOLVAY  
FLUORIDES, LLC**

**CERTIFICATE OF ANALYSIS**

SOLVAY CHEMICALS, Inc.

Customer

Certificate recipient

Transport

Batch number

5294511-1

Delivery note

Order

4511276294 000010

Shipping date

Customer ref.

Packaging

Railcar number

TCIX021152

**HYDROFLUOSILICIC ACID 23-25%**

Batch number 5294511-1

We certify that product loaded into the vessel meets AWWA Standard B703-06 and ANSI/NSF Standard 60 requirements.

<u>Characteristics</u>	<u>Units</u>	<u>Value</u>	<u>Specification</u>
Assay	%(m)	23.510	23.000 - 25.000
Colour	APHA	10	< = 100
HF	%(m)	0.4900	< = 1.0000
Specific Gravity @ 60F		1.2220	
P2O5	%(m)	0.030	
Arsenic (As)	ppm	< 5.00	
Heavy Metals (as Pb)	%	< 0.0200	

**NSF - 60**

Maximum Use Level: 6.0 mg/L

**Supplier :**

SOLVAY FLUORIDES, LLC  
3333 Richmond  
77098-3099 Houston, TX  
Tel: 713 525-6500 - Fax: 713 525-7806

**Approved by**

Patricia Hill  
Quality & Food Safety Manager  
Solvay Chemicals, Inc.  
3333 Richmond Ave.  
Houston, TX 77098  
Phone 713-525-6510

**SOLVAY FLUORIDES LLC**

**TRANSFLO Bill of Lading**

Origin: TRANSFLO AT BUFFALO, NY 14206

Delivery Date 12/21/2010 04:50 pm

Carrier: QUALITY CARRIERS INC

Loaded Date 12/21/2010 02:20 pm

Trailer: 51698

**Certificate of Analysis Required :YES**

Shipper Order# 4104039846

Consignee PO# M006628

Seals: 6971499 - 6971500

Terminal Audit# 29880


Shipper:  
SOLVAY FLUORIDES LLC  
ATTN ACCOUNTS PAYABLE P O BOX 27328  
PO BOX 27328  
HOUSTON, TX 77227

Consignee:  
ONTARIO CLEAN WATER  
LORNE PARK WTP  
1180 LAKE SHORE RD W  
MISSISSAUGA, ON L5E1E9

Commodity Shipping Description  
1 Cargo Tank, Fluorosilicic acid, 8, UN1778, PGII, ERG #154

Brand Name: FLUOROSILICIC ACID - 23% H2SIF6

Grade:

RailCar /Lot		TCIX21152 5294511-1		Total
Gross:	LBS	76,820		
Tare:	LBS	33,520		33,520
Net:	LBS/TONS	43,300/21.65		43,300/21.65
Net:	KILO	19,641	Certified to	19,641
Net:	GALS	4,330	ANSWER CO	4,330

**Special Instructions:**

MAXIMUM USE LEVEL: 6.0 mg/L

**Emergency Contact - For help in chemical emergencies involving spill, leak, fire, or exposure, contact:**

Chemtec 1-800-424-9300

Note-Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property as follows:

"The agreed or declared value of the property is specifically stated by the shipper to be not exceeding \$ \_\_\_\_\_ per \_\_\_\_\_"

**NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. §14706(c)(1)(A)and(B).**

Freight charges are PREPAID  
Unless marked collect.

CHECK BOX IF COLLECT

**FOR FREIGHT COLLECT SHIPMENTS:**

If this shipment is to be delivered to the consignee, without recourse on the consignor, the consignor shall sign the following statement:

The carrier may decline to make delivery of this shipment without payment of freight and all other lawful charges.

\_\_\_\_\_  
(Signature of Consignor)

Received, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request.

This is to certify that the above named materials are properly classified, described, packaged, marked, labeled, and are in proper condition for transportation according to the applicable regulations of the Dept. of Transportation.

Shipper, Per: [Signature]

Date: 12/21/10

Drivers Signature hereon indicates:

- Emergency response information in accordance with 49 CFR Part 172, Subpart G is present aboard the vehicle.
- The required placards are in place.
- Driver has performed a pre-trip safety inspection to ensure that all openings of the trailer/container are closed, secured, and leak-free, and that the trailer/container is safe for transport on public highways.
- Certificate of Analysis received: Yes  No

Carrier, Per: [Signature] Date: 12/21/10