CERTIFICATE OF ANALYSIS

BASELINE[®] Hydrofluoric Acid

1A

BASELINE

10.0	PRODUCT NUMBER: 05		05		LOT NUMBER: 5203070						ASSAY:	49%					
1.26	2A											3A	4A	5A	6A	7A	
3 Li <1	4 Be <5	an avera	age of thre	determined e aliquots s to dryness Acid. Opera	ubsampled the resultin	from three ng residue i	samples re s reconstitu	<mark>5 В</mark> <20									
11 Na <10	12 Mg <5	volatile	elements (i	ndicated by	*), the ac	id samples	are dilute	d then dire	ctly injected , no blank v	l into the l		13 AI <20					
19 К <10	20 Ca <20	21 Sc <1	22 Т і <30	23 V <1	24 Cr <10	25 Mn <1	26 Fe <20	27 Co <1	<mark>28 Ni</mark> <10	29 Cu <5	30 Zn <5	<mark>31 Ga</mark> <1	<mark>32</mark> Ge <1	33 As <10	34 Se <50		
37 Rb <1	38 Sr <1	39 Y <0.5	40 Zr <10	41 Nb <5	42 Mo <5		44 Ru <1	45 Rh <1	46 Pd <10	47 Ag <1	48 Cd <0.1	49 In <0.1	<mark>50 Sn</mark> <10	51 Sb <10	52 Te <10		
55 Cs <0.5	56 Ba <5	57 La <0.1	72 Hf <1	73 Ta <20	74 W <20	75 Re <0.1		i.	78 Pt <10	79 Au <10	80 *Hg <100	81 TI <0.1	82 Pb <1	83 Bi <0.1			

ALL VALUES ARE REPORTED IN PARTS PER TRILLION (PPT)

KEY																					
(1) (2)	(1) Atomic Number	58 Ce	59 Pr	60 Nd		62 Sm	63 I	Eu	64 Gd	65 1	ſb 6	6 Dy	67	Но	68	Er	69	Tm	70 Y	′b 7	1 Lu
(3)	(2) Elemental Symbol	<0.1	<0.1	<0.1		<0.1	<0.1	1	<0.1	<0.1		<0.1	<	0.1	<().1	<().1	<0.1		<0.1
(4)	(3) Concentration (mean																				
	in ppt)	90 Th		92 U		1000															
	(4) 1 Standard	<0.1	1.1	<0.1	100			1										10			
	Deviation n=3)																				
		Rele												July 14, 2003							
													E:	xpiry	/ Da	te:		Jul	l y 14,	200	6
	B					BMEI	Kelver	/													
						Dr. B. Mc	Kelvey														

QA/QC Manager

IN SEASTAR CHEMICALS INC



Product Integrity:

Based on extensive testing results, SEASTAR CHEMICALS INC have found our products, unopened and sealed, maintain the certified integrity, or product quality, for a minimum of three years under the following conditions:

- Stored at room temperature, maximum range 15°C (59°F) to 25°C (77°F).
- Minimum exposure to light.
- For limited time, storage/transport temperature range 5°C (41°F) to 35°C (95°F)

Upon opening the product, the product's integrity will depend on proper handling and exposure to contaminants. The product has been bottled under CLASS 100 clean room conditions, to maintain the certified quality it should be used under these conditions.

Prior to opening or storing this product be sure to consult the Material Safety Data Sheet (MSDS) Section 7 Handling and Storage to ensure safe storage and handling with regards to this hazardous material. This information must be understood prior to its use or storage.

A further note to reduce trace metal contamination: The inner pack of plastic bags and bottle should be opened under CLASS 100 particle conditions to maintain the integrity of the product. The use of plastic gloves, hair net and a clean room suit is also advised.

Appropriate safety precautions must be taken as well as wearing the required safety apparel. A properly functioning fumehood, protection for eyes, hands, feet and exposed skin must also be worn. All of these items must conform to local/regional/national regulatory requirements.

Dr. B. McKelvey QA/QC Manager

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