BASELINE® Water

1A	PRODUCT NUMBER: S020901									LOT NUMBER: 9215020							
	2A 4 Be < 0.01	average evaporat Nitric Aci For volat	of three ali ted to dryne d / 2% Hydr ile elements	quots subsa ss. The resu ogen Perox s (indicated l	by high reso ampled fron ulting residu ide. Operati by*), the sar	n three sam e is reconst ons are con nples are di	nples repres ituted in a s ducted und luted then d	sentative of mall volume er Class 10 irectly inject	the lot. The of SEASTA or better classed into the leternion of the leterni	e samples AR™ BASEI ean-room c	are slowly LINE® 2% conditions.	3A 5 B < 20	4A	5A	6A	7A	
< 2	< 0.2	3 times th 3B 21 Sc	4B	5B	the blank ar 6B 24 Cr	7B		nk value is s 8 27 Co		1B	2B	< 5	32 Ge	33 As*	34 Se*		
< 0.1	< 10	< 0.01	< 0.05		< 0.02	< 0.01	< 0.2	< 0.01	< 0.2	< 0.01	< 1	< 0.01	< 0.02	< 0.1	< 0.1		
37 Rb < 0.01	38 Sr < 0.01	39 Y < 0.01	40 Zr < 0.01	41 Nb < 0.01	42 Mo < 0.05		44 Ru < 0.01	45 Rh < 0.01	46 Pd < 0.01	47 Ag < 0.01	48 Cd < 0.02	49 In < 0.01	50 Sn < 0.1	51 Sb < 0.01	52 Te < 0.01		
55 Cs < 0.01	56 Ba < 0.02	57 La < 0.01	72 Hf < 0.01	73 Ta < 0.01	74 W < 0.02	75 Re < 0.01			78 Pt < 0.01	79 Au < 0.1	80 Hg* < 20	81 TI < 0.01	82 Pb < 0.05	83 Bi < 0.01			
				¥.													

ALL VALUES ARE REPORTED IN PARTS PER TRILLION (PPT)

(1) Atomic Number **KEY** (1) (2) (3)

(2) Elemental Symbol (3) Concentration (mean in ppt)

(4) 1 Standard Deviation (N=3)

BASELINE

58 Ce	59 Pr	60 Nd	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb	71 Lu
< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
90 Th		92 U										
< 0.01		< 0.01										
				_								

Additional	Maximum	Actual
Tests	Specification	Value
Colour (APHA)	10 APHA	< 10
Chloride (CI-)	1 ppb	< 1
Phosphate (PO ₄ ³⁻)	1 ppb	< 1
Sulphate (SO ₄ ²⁻)	1 ppb	< 1

Dr. B. McKelvey QA/QC Manager



Release Date:

Expiry Date:





March 3, 2015

March 3, 2018

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. Furthermore 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.

Safety:

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.

SAFETY HANDLING NOTES: Consult your MSDS, PRIOR to handling these materials. Use proper safety apparel according to the recommendations of the MSDS. Exposure controls and personal protection should include: a properly functioning fume hood, protection for eyes (safety glasses), hands (chemically compatible gloves), feet (chemically compatible boots) and exposed skin (splash protection and a chemically compatible apron). All of these items must conform to local/regional/national regulatory requirements.

Dr. B. McKelvey QA/QC Manager

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10005 McDonald Park Road, Sidney, BC, Canada V8L 5Y2

phone: (250) 655-5880 fax: (250) 655-5888

toll free: 1 (800) 663-2330 (within Canada & U.S. only) Email: seastar.technicals.upport@seastarchemicals.com

Web: www.seastarchemicals.com