BASELINE® Ammonia Solution

1A	u.	PRODU	JCT NU	MBER:	S02070	1	LOT	IUMBEI	R: 7217	070	AS	SAY (NI	Ⅎ₃, w/w	v): 20%	6		
3 Li < 0.05	2A 4 Be < 0.1 12 Mg < 1	average of evaporate Nitric Acid directly in	of three alied to drynes d / 2% Hyd	quots subsass. The resultogen Pero the ICP-MS	by high reso ampled from ulting residu xide. For vo . Values bel	n three sam e is reconsti platile eleme	iples represituted in a sents (indica	sentative of mall volume ted by *), the	the lot. The of SEASTA ne acid sam	e samples a AR™ BASEL oples are dil	are slowly INE® 2% luted then	3A 13 AI < 5	4A	5A	6A	7A	
	, ,	3B	4B	5B	6B	7B		8	THE	1B	2B						
19 K < 1	20 Ca < 10	21 Sc < 0.01	22 Ti < 0.5	23 V < 2	24 Cr < 0.1	25 Mn < 0.2	26 Fe < 10	27 Co < 0.05	28 Ni < 10	29 Cu < 2	30 Z n < 2	31 Ga < 0.05	32 G e < 0.05	33 As < 0.5	34 Se < 5		
37 Rb < 0.01	38 Sr < 0.02	39 Y < 0.01	40 Zr < 0.01	41 Nb < 0.01	42 M o < 0.1	A.	44 Ru < 0.01	45 Rh < 0.01	46 Pd < 0.1	47 Ag < 0.05	48 Cd < 0.05	49 In < 0.01	50 Sn < 0.5	51 Sb < 0.01	52 Te < 0.05		
55 Cs < 0.01	56 B a < 0.05	57 La < 0.01	72 Hf < 0.1	73 Ta	74 W < 1	75 Re < 0.01			78 Pt < 0.1	79 Au < 0.5	80 Hg < 200	81 TI < 0.01	82 Pb < 1	83 Bi < 0.02			

ALL VALUES ARE REPORTED IN PARTS PER TRILLION (PPT)

(1) (2) (3)

(1) Atomic Number

(2) Elemental Symb (3) Concentration (n

in ppt) (4) 1 Standard Devi (N=3)

	50	00
ool	< (0.01
mean		
iation	90 < (Th).01

58	G 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
	1434												
90) Th		92 U										
<	< 0.01		< 0.01										

NH₃ (20 - 22%): Properties Molar Mass: 17.03g/mol Density: 0.92 g/ml Molarity: 11 moles/litre Normality: 11 moles/litre

Release Date: August 23, 2017 **Expiry Date:** August 23, 2020

Greg Henson QA & RA Manager







SEASTAR™'s Product Integrity Guidelines:

We have found our products, unopened and sealed, maintain the certified integrity, or product quality, for their stated certification period under the following conditions:

- Store at room temperature, maximum range 15°C (59°F) to 25°C (77°F).
- Avoid exposure to sunlight or ultraviolet light sources.
- Open in a 'particle free' environment. SEASTAR recommends a HEPA or ULPA particle filtered trace metal clean room. Open product should be handled under Class 100 or ISO 5 clean room or better conditions.

Once opened, product integrity will depend on proper handling and exposure to contaminants. To reduce trace metal contamination, the inner pack of plastic bags and bottle should be opened under Class 100 or ISO 5 clean room or better conditions to maintain the integrity of the product. The use of plastic gloves, hair net and a clean room suit is also advised.

Safety Guidelines:

PRIOR to opening or storing this product be sure to consult the Safety Data Sheet (SDS) to ensure safe storage and handling with regards to this hazardous material. This information must be read and understood prior to use or storage.

SAFETY HANDLING NOTES: Consult the SDS PRIOR to handling this product. Use proper safety apparel according to the recommendations of the SDS. 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.

Greg Henson

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QA & RA Manager

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