B A E

16, 2001

AL A KI HE DE F HE BA CH HEE

NO E: O t o o . Mo t t t o o t
tt ://g o og . . / o / o o / t o. t

E IDI G G AL

No o t .
100% to ICP t
C t t t o
C t ID
t

HEL F L HI

K tt t j t g o o t t
G o o o t o t o , o o
Ho t t - o g to t
M o tt t t
H o t o t t g g g
t o o o g g
A tt t . I o t tt o o t
o o t tt , t DI t .
tt o to t .
t t; o 't o o t

AFE

t t; o 't o o t
A gogg t . A .
No t t o o to g t o . o t

[illegible]

[illegible] >1.5 E-13. [illegible] 2.5 [illegible] g A [illegible] 0.25 [illegible] g B. [illegible] 2500 [illegible] g [illegible] A [illegible] A [illegible]. Mo [illegible] A [illegible]. Mo [illegible] 250 µg [illegible] B [illegible] 0.25 [illegible] PE [illegible].

I [illegible] ID' [illegible] LAB DA[illegible]A [illegible]. No[illegible]. I [illegible] B [illegible] (<10 [illegible] 13) [illegible].

D

DO HI D ING HE DA HEN AMPLE BEHA IO CAN BE CLO EL A CHED

Mo t NANOP E t . g t o to 4 t HE t to . Do t HF t oo . DI t to t o too o t o o g t o t oo .

ADD 100 ML OF HF O HE BLANK.

P t o t o t , t tt g t. L t t t o 1 o t . (to t o g t o .) t o t t to . L t t o o . t o t o to 175; t t o o t t. At 90 g C o t o g o . B t t o g t o t o t t g to , t t t t o g t o o t t t g . N t - t o t 25 F t tt g o o t t . A t tt g t 275 E t HF t (to t o o , o to t g). L t t o g t g , t o t. N t t o t t o 275 F. (t o o to 120 C o t o t o t - t t o o o t o .) I t tto , t o t o t . BE A E o g (o g) . L o g t t tt g o 225 o t g o t o . M t t t t o t o t o g . E ENDED t g o t t t g o t . IF HI HAPPEN , ADD MO E HF H O GH HE HOLE IN HE LID.

L o t o t t t o , t t o o g t. o t o t otto o t o o t g o t o .

t o , t o o t o o o t to oo .

NO E: Ho t t t t o o to t o t tt g . A o, t t g t o t o t t o t . K o t t t g o t o t . 90 C o t o (= 175-225 o o t) t g o g o . B t t o j t g t o t t t g o (t). B o t t o 25 g o g t g o .

**FO CHE - t o g t o . N t - 2 o o . t o o t o t o t t 200. At 200, t o . 2 o t 225, o o t 250, t 275 o o g t (t HF .)

A C

E IN PE: B o AG1 8

t 8N HC o , o o o t t 1 to 2 o 8 N HC . to o . I t o t, t t t o to o t . o o o t . I t o o g t t o t . I o o 8 N .

t o to o oo .

D g 1.2 N HC o t o . Co t o t o o t 10 o 8N HC g t . to t o o t . M t t t t t 250 o 8 N o o t g o .

o to o oo o t o o o . e e e . tt to t to o g t t g o to t . o 8 N to . tt to o o . e e e No , o j t tt LO L . t o j t o to o . P o t o < 1 o / o . A o 8 N HC to t o to o LO L . LE HAN ONE D OP EACH ECOND I HE CO EC A E. MO E APID EL ION ILL FAIL O EMO E FE. E ON HE IDE OF LO D IP .

A 10 8 N HC t LO L to t . oo t o t F g o to to t . B A o o t o . F t . B A t t .

P t o o t t o t HC to . t o t t to 225 . t o t 8 o t - o to o .

C o g 7.5 o 1.2 N HC to t o t . EPEA t o o 7.5 o 1.2 N HC . t o g o . t to o t o t o . t . D t t t ; t o o t g o o . e e e e e e . e e

to o 1.2N HC .

[illegible]

g t E o , o t 20 o 1.2 N HC to , o tt to o t . t to LABELED, (50) t g t . Po g o . P t g o t tt o t t t t o o . t o 8 .

A j tt H o to 3.8 to 4.1 g NH_4OH, H g o g H . **It tt to to 3.8 t 4.1.** t tt to t t o to o o t . E HE MIC OLI E PIPE E to o o to t . Do ot tt tt to t . I t o , t tt t o o t g t . EA tt B t . t H to t t o t , t g DI t , t 1% t , t o DI t .

At o t H 3, g t o t t t t o o o . Fo 20 1.2 N HC t o t 1.25 o 30% NH_4OH o o o t o o t NH_4OH. t E o tt to t NH_4OH.

t o t H , t g . t t o o t t B A . F t t t .

D tt t t to , 50 t g t , AN FE ING HE LABEL o t tt . A j tt H o to > 8.1 <8.9 g o g H . o t 0.20 15% NH_4OH. + 3 o 3% NH_4OH. o t t g t . C t H. B A o t t t .

D tt t ttot t o t o t 3 o 3 N HC to o t g t t o t tt o . o t t t to t o g 250 o . B t t tt t g t t t to o t to . t tt t (2 t o t) t 3 N o o (HC) tot o o g to .

D o t HC t - o g tt g (250-275 o ot t .) o t o o t o.