

EXAMPLE CERTIFICATE OF ANALYSIS

Chemical :	TechniEtch Al 80 MOS
Lot # :	"Example"
Date of manufacture :	"Example"
Expiration Date :	"Example"

Analysis	Specification	Results	Units
Phosphoric acid	73 ± 3	72,6	%
Nitric acid	3,1 ± 0,5	2,69	%
Acetic acid	3,3 ± 0,5	3,35	%
Chloride	< 3	< 1	ppm
Sulfate	< 10	< 5	ppm
Fluoride	< 1	< 1	ppm
Cations			
Antimony (Sb)	< 1	< 0,01	ppm
Arsenic (AS)	< 1	< 0,01	ppm
Copper (Cu)	< 5	0,02	ppm
Iron (Fe)	< 10	0,02	ppm
Magnesium (Mg)	< 10	< 0,01	ppm
Manganese (Mn)	< 5	< 0,01	ppm
Lead (Pb)	< 10	< 0,01	ppm
Potassium (K)	< 1	0,01	ppm
Sodium (Na)	< 100	0,02	ppm
Other	< 10	< 0,03	ppm

The lab manager:

03 April 2015



Etch rate Å /mn	30°C	40°C	60°C
ANPE 80/5/5/10	600	1600	5500
ANPE 70/3/14/13	300	1000	4000