

Hydrochloric Acid UpA

Code SS42
Standard Pack 500ml (PFA)



R:34-37 S:26-45 EC:[231-595-7]

HCl MW 36.46 d 1.18 CAS [7647-01-0]

Assay 33-36%

Trace elemental impurities: parts per trillion level

Batch values reported on accompanying Certificate of Analysis

Application: Ultra trace inorganic analysis

Typical values, elemental impurities at time of manufacture (ppt):

Ag	<1	Er	<1	Na	<10	Sn	<20
Al	<10	Eu	<1	Nb	<1	Sr	<1
As	<50	Fe	<50	Nd	<1	Ta	<1
Au	<5	Ga	<1	Ni	<10	Tb	<1
B	<100	Gd	<1	Pb	<1	Te	<10
Ba	<1	Ge	n/a	Pd	<1	Th	<0.1
Be	<5	Hf	<1	Pr	<1	Ti	<10
Bi	<1	Hg	<200	Pt	<1	Tl	<1
Ca	<50	Ho	<1	Rb	<1	Tm	<1
Cd	<1	In	<1	Re	<1	U	<0.1
Ce	<1	K	<20	Rh	<1	V	<1
Co	<1	La	<1	Ru	<1	W	<10
Cr	<10	Li	<1	Sb	<50	Y	<1
Cs	<1	Mg	<10	Sc	<1	Yb	<1
Cu	<2	Mn	<1	Se	<50	Zn	2
Dy	<1	Mo	<10	Sm	<1	Zr	<1

Hydrofluoric Acid UpA

Code SS52
Standard Pack 500ml (PFA)



R:26/27/28-35 S:7/9-26-36/37-45 EC:[231-634-8]

HF MW 20.01 d 1.16 CAS [7664-39-3]

Assay 47-51%

Trace elemental impurities: parts per trillion level

Batch values reported on accompanying Certificate of Analysis

Application: Ultra trace inorganic analysis

Typical values, elemental impurities at time of manufacture (ppt):

Ag	<1	Er	<0.1	Na	9	Sn	<10
Al	<30	Eu	<0.1	Nb	<5	Sr	<1
As	<10	Fe	<20	Nd	<0.1	Ta	<20
Au	<1	Ga	<1	Ni	<10	Tb	<0.1
B	<100	Gd	<0.1	Pb	<1	Te	<10
Ba	<5	Ge	<1	Pd	<1	Th	<0.1
Be	<5	Hf	<0.1	Pr	<0.1	Ti	<50
Bi	<0.1	Hg	<100	Pt	<1	Tl	<0.1
Ca	<20	Ho	<0.1	Rb	<1	Tm	<0.1
Cd	<0.1	In	<0.1	Re	<0.1	U	<0.1
Ce	<0.1	K	<20	Rh	<1	V	<1
Co	<1	La	<0.1	Ru	<1	W	<20
Cr	<10	Li	<1	Sb	<10	Y	<0.1
Cs	<0.1	Mg	3	Sc	<1	Yb	<0.1
Cu	<5	Mn	<1	Se	<50	Zn	<5
Dy	<0.1	Mo	<1	Sm	<0.1	Zr	<1

For treatment of HF burns, calcium gluconate gel (ROMIL Code PCG9V) is recommended. In order to provide emergency first aid, it should be kept wherever HF is handled or stored.

Nitric Acid UpA

Code SS12

Standard Pack 500ml (FEP)



R:35 S:23b-26-36-45 EC:[231-714-2]

HNO₃ MW 63.01 d 1.42 CAS [7697-37-2]

Assay 67-69%

Trace elemental impurities: parts per trillion level

Batch values reported on accompanying Certificate of Analysis

Application: Ultra trace inorganic analysis

Typical values, elemental impurities at time of manufacture (ppt):

Ag	<1	Er	<0.1	Na	<15	Sn	<10
Al	<10	Eu	<0.1	Nb	<1	Sr	<1
As	<10	Fe	<20	Nd	<0.1	Ta	<5
Au	<5	Ga	<1	Ni	<10	Tb	<0.1
B	<50	Gd	<0.1	Pb	<1	Te	<1
Ba	<1	Ge	<1	Pd	<1	Th	<0.1
Be	<5	Hf	<0.1	Pr	<0.1	Ti	<20
Bi	<0.1	Hg	<100	Pt	<1	Tl	<0.1
Ca	<20	Ho	<0.1	Rb	<1	Tm	<0.1
Cd	<1	In	<1	Re	<0.1	U	<0.1
Ce	<0.1	K	<10	Rh	<1	V	<1
Co	<1	La	<0.1	Ru	<1	W	<5
Cr	<10	Li	<1	Sb	<10	Y	<1
Cs	<0.1	Mg	<3	Sc	<1	Yb	<0.1
Cu	<3	Mn	<2	Se	<10	Zn	<5
Dy	<0.1	Mo	<1	Sm	<0.1	Zr	<1

Perchloric Acid UpA

Code SS22

Standard Pack 500ml (FEP)



R:5-8-35 S:23b-26-36-45 EC:[231-512-4]

HClO₄ MW 100.46 d 1.66 CAS [7601-90-3]

Assay 65-71%

Trace elemental impurities: parts per trillion level

Batch values reported on accompanying Certificate of Analysis

Application: Ultra trace inorganic analysis

Typical values, elemental impurities at time of manufacture (ppt):

Ag	<1	Er	<1	Na	<20	Sn	<20
Al	<20	Eu	<1	Nb	<10	Sr	<1
As	<50	Fe	<50	Nd	<1	Ta	<30
Au	n/a	Ga	<1	Ni	<50	Tb	<1
B	n/a	Gd	<1	Pb	<2	Te	<20
Ba	<5	Ge	n/a	Pd	<1	Th	<0.1
Be	<5	Hf	<1	Pr	<1	Ti	<50
Bi	<1	Hg	n/a	Pt	<1	Tl	<1
Ca	<50	Ho	<1	Rb	<10	Tm	<1
Cd	<1	In	<1	Re	n/a	U	<0.1
Ce	<1	K	<50	Rh	<1	V	<50
Co	<5	La	<1	Ru	n/a	W	<20
Cr	n/a	Li	<1	Sb	<50	Y	<1
Cs	<1	Mg	<20	Sc	<1	Yb	<1
Cu	<50	Mn	<5	Se	n/a	Zn	<20
Dy	<1	Mo	<10	Sm	<1	Zr	<1