

**INORGANIC STANDARDS (AAS) 2010**

**MONO - ELEMENT STANDARD SOLUTIONS FOR AAS**

ELEMENT	CODE	CONCENTRATION	VOLUME IN ML	PRICE CHF	ELEMENT	CODE	CONCENTRATION	VOLUME IN ML	PRICE CHF
Ag in HNO <sub>3</sub>	A001.2NP.L1	1000 mg/l	100	23	Cs in HNO <sub>3</sub>	A014.2NP.L5	1000 mg/l	500	65
Ag in HNO <sub>3</sub>	A001.2NP.L5	1000 mg/l	500	43	Cu in HCl	A015.2CP.L1	1000 mg/l	100	23
Al in HCl	A002.2CP.L1	1000 mg/l	100	23	Cu in HCl	A015.2CP.L5	1000 mg/l	500	43
Al in HCl	A002.2CP.L5	1000 mg/l	500	43	Cu in HNO <sub>3</sub>	A015.2NP.L1	1000 mg/l	100	23
Al in HNO <sub>3</sub>	A002.2NP.L1	1000 mg/l	100	23	Cu in HNO <sub>3</sub>	A015.2NP.L5	1000 mg/l	500	43
Al in HNO <sub>3</sub>	A002.2NP.L5	1000 mg/l	500	43	Dy in HNO <sub>3</sub>	A016.2NP.L1	1000 mg/l	100	36
As in HCl	A003.2CP.L1	1000 mg/l	100	23	Dy in HNO <sub>3</sub>	A016.2NP.L5	1000 mg/l	500	81
As in HCl	A003.2CP.L5	1000 mg/l	500	43	Er in HNO <sub>3</sub>	A017.2NP.L1	1000 mg/l	100	36
As in HNO <sub>3</sub>	A003.2NP.L1	1000 mg/l	100	23	Er in HNO <sub>3</sub>	A017.2NP.L5	1000 mg/l	500	81
As in HNO <sub>3</sub>	A003.2NP.L5	1000 mg/l	500	43	Eu in HNO <sub>3</sub>	A018.2NP.L1	1000 mg/l	100	36
Au in HCl	A004.2CP.L1	1000 mg/l	100	108	Eu in HNO <sub>3</sub>	A018.2NP.L5	1000 mg/l	500	81
Au in HCl	A004.2CP.L5	1000 mg/l	500	322	Fe in HCl	A019.2CP.L1	1000 mg/l	100	23
B in H <sub>2</sub> O	A005.W.L1	1000 mg/l	100	23	Fe in HCl	A019.2CP.L5	1000 mg/l	500	43
B in H <sub>2</sub> O	A005.W.L5	1000 mg/l	500	43	Fe in HNO <sub>3</sub>	A019.2NP.L1	1000 mg/l	100	23
Ba in HCl	A006.2CP.L1	1000 mg/l	100	23	Fe in HNO <sub>3</sub>	A019.2NP.L5	1000 mg/l	500	43
Ba in HCl	A006.2CP.L5	1000 mg/l	500	43	Ga in HNO <sub>3</sub>	A020.2NP.L1	1000 mg/l	100	36
Ba in HNO <sub>3</sub>	A006.2NP.L1	1000 mg/l	100	23	Ga in HNO <sub>3</sub>	A020.2NP.L5	1000 mg/l	500	81
Ba in HNO <sub>3</sub>	A006.2NP.L5	1000 mg/l	500	43	Gd in HNO <sub>3</sub>	A021.2NP.L1	1000 mg/l	100	36
Be in HCl	A007.2CP.L1	1000 mg/l	100	43	Gd in HNO <sub>3</sub>	A021.2NP.L5	1000 mg/l	500	81
Be in HCl	A007.2CP.L5	1000 mg/l	500	108	Ge in HNO <sub>3</sub> /HF tr	A022.5N1FP.L1	1000 mg/l	100	32
Be in HNO <sub>3</sub> /HF tr	A007.2N1FP.L1	1000 mg/l	100	43	Ge in HNO <sub>3</sub> /HF tr	A022.5N1FP.L5	1000 mg/l	500	72
Be in HNO <sub>3</sub> /HF tr	A007.2N1FP.L5	1000 mg/l	500	108	Hf in HNO <sub>3</sub> /HF tr	A023.2N1FP.L1	1000 mg/l	100	81
Bi in HNO <sub>3</sub>	A008.10NP.L1	1000 mg/l	100	23	Hf in HNO <sub>3</sub> /HF tr	A023.2N1FP.L5	1000 mg/l	500	198
Bi in HNO <sub>3</sub>	A008.10NP.L5	1000 mg/l	500	43	Hg in HNO <sub>3</sub>	A024.10NP.L1	1000 mg/l	100	23
Ca in HCl	A009.2CP.L1	1000 mg/l	100	23	Hg in HNO <sub>3</sub>	A024.10NP.L5	1000 mg/l	500	43
Ca in HCl	A009.2CP.L5	1000 mg/l	500	43	Ho in HNO <sub>3</sub>	A025.2NP.L1	1000 mg/l	100	36
Ca in HNO <sub>3</sub>	A009.2NP.L1	1000 mg/l	100	23	Ho in HNO <sub>3</sub>	A025.2NP.L5	1000 mg/l	500	81
Ca in HNO <sub>3</sub>	A009.2NP.L5	1000 mg/l	500	43	In in HNO <sub>3</sub>	A026.2NP.L1	1000 mg/l	100	32
Cd in HCl	A010.2CP.L1	1000 mg/l	100	23	In in HNO <sub>3</sub>	A026.2NP.L5	1000 mg/l	500	72
Cd in HCl	A010.2CP.L5	1000 mg/l	500	43	Ir in HCl	A027.10CP.L1	1000 mg/l	100	117
Cd in HNO <sub>3</sub>	A010.2NP.L1	1000 mg/l	100	23	Ir in HCl	A027.10CP.L5	1000 mg/l	500	270

<b>Cd in HNO3</b>	A010.2NP.L5	1000 mg/l	500	<b>43</b>
<b>Ce in HNO<sub>3</sub></b>	A011.2NP.L1	1000 mg/l	100	<b>32</b>
<b>Ce in HNO<sub>3</sub></b>	A011.2NP.L5	1000 mg/l	500	<b>43</b>
<b>Co in HCl</b>	A012.2CP.L1	1000 mg/l	100	<b>23</b>
<b>Co in HCl</b>	A012.2CP.L5	1000 mg/l	500	<b>43</b>
<b>Co in HNO<sub>3</sub></b>	A012.2NP.L1	1000 mg/l	100	<b>23</b>
<b>Co in HNO<sub>3</sub></b>	A012.2NP.L5	1000 mg/l	500	<b>43</b>
<b>Cr in HCl</b>	A013.2CP.L1	1000 mg/l	100	<b>23</b>
<b>Cr in HCl</b>	A013.2CP.L5	1000 mg/l	500	<b>43</b>
<b>Cr in HNO<sub>3</sub></b>	A013.2NP.L1	1000 mg/l	100	<b>23</b>
<b>Cr in HNO<sub>3</sub></b>	A013.2NP.L5	1000 mg/l	500	<b>43</b>
<b>Cs in HNO<sub>3</sub></b>	A014.2NP.L1	1000 mg/l	100	<b>27</b>

<b>K in HCl</b>	A028.2CP.L1	1000 mg/l	100	<b>23</b>
<b>K in HCl</b>	A028.2CP.L5	1000 mg/l	500	<b>43</b>
<b>K in HNO<sub>3</sub></b>	A028.2NP.L1	1000 mg/l	100	<b>23</b>
<b>K in HNO<sub>3</sub></b>	A028.2NP.L5	1000 mg/l	500	<b>43</b>
<b>La in HCl</b>	A029.2CP.L1	1000 mg/l	100	<b>27</b>
<b>La in HCl</b>	A029.2CP.L5	1000 mg/l	500	<b>65</b>
<b>La in HNO<sub>3</sub></b>	A029.2NP.L1	1000 mg/l	100	<b>27</b>
<b>La in HNO<sub>3</sub></b>	A029.2NP.L5	1000 mg/l	500	<b>65</b>
<b>Li in HNO<sub>3</sub></b>	A030.2NP.L1	1000 mg/l	100	<b>23</b>
<b>Li in HNO<sub>3</sub></b>	A030.2NP.L5	1000 mg/l	500	<b>43</b>
<b>Mg in HCl</b>	A032.2CP.L1	1000 mg/l	100	<b>23</b>
<b>Mg in HCl</b>	A032.2CP.L5	1000 mg/l	500	<b>43</b>

ELEMENT	CODE	CONCENTRATION	VOLUME IN ML	PRICE CHF
<b>Mg in HNO<sub>3</sub></b>	A032.2NP.L1	1000 mg/l	100	<b>23</b>
<b>Mg in HNO<sub>3</sub></b>	A032.2NP.L5	1000 mg/l	500	<b>43</b>
<b>Mn in HCl</b>	A033.2CP.L1	1000 mg/l	100	<b>23</b>
<b>Mn in HCl</b>	A033.2CP.L5	1000 mg/l	500	<b>43</b>
<b>Mn in HNO<sub>3</sub></b>	A033.2NP.L1	1000 mg/l	100	<b>23</b>
<b>Mn in HNO<sub>3</sub></b>	A033.2NP.L5	1000 mg/l	500	<b>43</b>
<b>Mo in HNO<sub>3</sub>/HF tr</b>	A034.1N1FP.L1	1000 mg/l	100	<b>23</b>
<b>Mo in HNO<sub>3</sub>/HF tr</b>	A034.1N1FP.L5	1000 mg/l	500	<b>43</b>
<b>Mo in H<sub>2</sub>O</b>	A034.W.L1	1000 mg/l	100	<b>23</b>
<b>Mo in H<sub>2</sub>O</b>	A034.W.L5	1000 mg/l	500	<b>43</b>
<b>Na in HCl</b>	A035.1CP.L1	1000 mg/l	100	<b>23</b>
<b>Na in HCl</b>	A035.1CP.L5	1000 mg/l	500	<b>43</b>
<b>Na in HNO<sub>3</sub></b>	A035.2NP.L1	1000 mg/l	100	<b>23</b>
<b>Na in HNO<sub>3</sub></b>	A035.2NP.L5	1000 mg/l	500	<b>43</b>
<b>Na in H<sub>2</sub>O</b>	A035.W.L1	1000 mg/l	100	<b>23</b>
<b>Na in H<sub>2</sub>O</b>	A035.W.L5	1000 mg/l	500	<b>43</b>
<b>Nb in HNO<sub>3</sub>/HF tr</b>	A036.5N1FP.L1	1000 mg/l	100	<b>27</b>
<b>Nb in HNO<sub>3</sub>/HF tr</b>	A036.5N1FP.L5	1000 mg/l	500	<b>67</b>
<b>Nd in HNO<sub>3</sub></b>	A037.2NP.L1	1000 mg/l	100	<b>36</b>
<b>Nd in HNO<sub>3</sub></b>	A037.2NP.L5	1000 mg/l	500	<b>81</b>
<b>Ni in HNO<sub>3</sub></b>	A038.2NP.L1	1000 mg/l	100	<b>23</b>
<b>Ni in HNO<sub>3</sub></b>	A038.2NP.L5	1000 mg/l	500	<b>43</b>
<b>P in H<sub>2</sub>O</b>	A040.W.L1	1000 mg/l	100	<b>23</b>
<b>P in H<sub>2</sub>O</b>	A040.W.L5	1000 mg/l	500	<b>43</b>

ELEMENT	CODE	CONCENTRATION	VOLUME IN ML	PRICE CHF
<b>Sc in HNO<sub>3</sub></b>	A051.2NP.L1	1000 mg/l	100	<b>81</b>
<b>Sc in HNO<sub>3</sub></b>	A051.2NP.L5	1000 mg/l	500	<b>189</b>
<b>Se in HNO<sub>3</sub></b>	A052.2NP.L1	1000 mg/l	100	<b>23</b>
<b>Se in HNO<sub>3</sub></b>	A052.2NP.L5	1000 mg/l	500	<b>43</b>
<b>Si in H<sub>2</sub>O</b>	A053.W.L1	1000 mg/l	100	<b>23</b>
<b>Si in H<sub>2</sub>O</b>	A053.W.L5	1000 mg/l	500	<b>43</b>
<b>Sm in HNO<sub>3</sub></b>	A054.2NP.L1	1000 mg/l	100	<b>36</b>
<b>Sm in HNO<sub>3</sub></b>	A054.2NP.L5	1000 mg/l	500	<b>81</b>
<b>Sn in HNO<sub>3</sub>/HF tr</b>	A055.1N1FP.L1	1000 mg/l	100	<b>23</b>
<b>Sn in HNO<sub>3</sub>/HF tr</b>	A055.1N1FP.L5	1000 mg/l	500	<b>43</b>
<b>Sn in HCl</b>	A055.20CP.L1	1000 mg/l	100	<b>23</b>
<b>Sn in HCl</b>	A055.20CP.L5	1000 mg/l	500	<b>43</b>
<b>Sr in HCl</b>	A056.2CP.L1	1000 mg/l	100	<b>23</b>
<b>Sr in HCl</b>	A056.2CP.L5	1000 mg/l	500	<b>43</b>
<b>Sr in HNO<sub>3</sub></b>	A056.2NP.L1	1000 mg/l	100	<b>23</b>
<b>Sr in HNO<sub>3</sub></b>	A056.2NP.L5	1000 mg/l	500	<b>43</b>
<b>Ta in HNO<sub>3</sub>/HF tr</b>	A057.5N1FP.L1	1000 mg/l	100	<b>27</b>
<b>Ta in HNO<sub>3</sub>/HF tr</b>	A057.5N1FP.L5	1000 mg/l	500	<b>63</b>
<b>Te in HNO<sub>3</sub></b>	A059.10NP.L1	1000 mg/l	100	<b>27</b>
<b>Te in HNO<sub>3</sub></b>	A059.10NP.L5	1000 mg/l	500	<b>63</b>
<b>Te in HCl</b>	A059.20CP.L1	1000 mg/l	100	<b>27</b>
<b>Te in HCl</b>	A059.20CP.L5	1000 mg/l	500	<b>63</b>
<b>Ti in HNO<sub>3</sub>/HF tr</b>	A061.5N05FP.L1	1000 mg/l	100	<b>23</b>
<b>Ti in HNO<sub>3</sub>/HF tr</b>	A061.5N05FP.L5	1000 mg/l	500	<b>43</b>

<b>Pb in HNO<sub>3</sub></b>	A041.2NP.L1	1000 mg/l	100	<b>23</b>
<b>Pb in HNO<sub>3</sub></b>	A041.2NP.L5	1000 mg/l	500	<b>43</b>
<b>Pd in HCl</b>	A042.5CP.L1	1000 mg/l	100	<b>112</b>
<b>Pd in HCl</b>	A042.5CP.L5	1000 mg/l	500	<b>261</b>
<b>Pd in HNO<sub>3</sub></b>	A042.5NP.L1	1000 mg/l	100	<b>112</b>
<b>Pd in HNO<sub>3</sub></b>	A042.5NP.L5	1000 mg/l	500	<b>261</b>
<b>Pt in HCl</b>	A044.10CP.L1	1000 mg/l	100	<b>112</b>
<b>Pt in HCl</b>	A044.10CP.L5	1000 mg/l	500	<b>261</b>
<b>Rb in HNO<sub>3</sub></b>	A045.2NP.L1	1000 mg/l	100	<b>27</b>
<b>Rb in HNO<sub>3</sub></b>	A045.2NP.L5	1000 mg/l	500	<b>65</b>
<b>Re in HNO<sub>3</sub></b>	A046.5NP.L1	1000 mg/l	100	<b>117</b>
<b>Re in HNO<sub>3</sub></b>	A046.5NP.L5	1000 mg/l	500	<b>270</b>
<b>Rh in HCl</b>	A047.5CP.L1	1000 mg/l	100	<b>310</b>
<b>Rh in HCl</b>	A047.5CP.L5		500	<b>1050</b>
<b>Ru in HCl</b>	A048.5CP.L1	1000 mg/l	100	<b>238</b>
<b>Ru in HCl</b>	A048.5CP.L5	1000 mg/l	500	<b>575</b>
<b>S in H<sub>2</sub>O</b>	A049.W.L1	1000 mg/l	100	<b>23</b>
<b>S in H<sub>2</sub>O</b>	A049.W.L5	1000 mg/l	500	<b>43</b>
<b>Sb in HCl</b>	A050.20CP.L1	1000 mg/l	100	<b>23</b>
<b>Sb in HCl</b>	A050.20CP.L5	1000 mg/l	500	<b>43</b>
<b>Sb in HNO<sub>3</sub>/HF tr</b>	A050.5N1FP.L1	1000 mg/l	100	<b>23</b>
<b>Sb in HNO<sub>3</sub>/HF tr</b>	A050.5N1FP.L5	1000 mg/l	500	<b>43</b>

<b>Tl in HNO<sub>3</sub></b>	A062.2NP.L1	1000 mg/l	100	<b>27</b>
<b>Tl in HNO<sub>3</sub></b>	A062.2NP.L5	1000 mg/l	500	<b>63</b>
<b>Tm in HNO<sub>3</sub></b>	A063.2NP.L1	1000 mg/l	100	<b>72</b>
<b>Tm in HNO<sub>3</sub></b>	A063.2NP.L5	1000 mg/l	500	<b>189</b>
<b>V in HNO<sub>3</sub></b>	A065.2NP.L1	1000 mg/l	100	<b>23</b>
<b>V in HNO<sub>3</sub></b>	A065.2NP.L5	1000 mg/l	500	<b>43</b>
<b>V in H<sub>2</sub>SO<sub>4</sub></b>	A065.2SP.L1	1000 mg/l	100	<b>23</b>
<b>V in H<sub>2</sub>SO<sub>4</sub></b>	A065.2SP.L5	1000 mg/l	500	<b>43</b>
<b>W in HNO<sub>3</sub>/HF tr</b>	A066.1N2FP.L1	1000 mg/l	100	<b>27</b>
<b>W in HNO<sub>3</sub>/HF tr</b>	A066.1N2FP.L5	1000 mg/l	500	<b>63</b>
<b>Y in HNO<sub>3</sub></b>	A067.2NP.L1	1000 mg/l	100	<b>27</b>
<b>Y in HNO<sub>3</sub></b>	A067.2NP.L5	1000 mg/l	500	<b>65</b>
<b>Yb in HNO<sub>3</sub></b>	A068.2NP.L1	1000 mg/l	100	<b>36</b>
<b>Yb in HNO<sub>3</sub></b>	A068.2NP.L5	1000 mg/l	500	<b>81</b>
<b>Zn in HCl</b>	A069.2CP.L1	1000 mg/l	100	<b>23</b>
<b>Zn in HCl</b>	A069.2CP.L5	1000 mg/l	500	<b>43</b>
<b>Zn in HNO<sub>3</sub></b>	A069.2NP.L1	1000 mg/l	100	<b>23</b>
<b>Zn in HNO<sub>3</sub></b>	A069.2NP.L5	1000 mg/l	500	<b>43</b>
<b>Zr in HNO<sub>3</sub>/HF tr</b>	A070.2N05FP.L1	1000 mg/l	100	<b>27</b>
<b>Zr in HNO<sub>3</sub>/HF tr</b>	A070.2N05FP.L5	1000 mg/l	500	<b>63</b>
<b>Zr in HCl/HF tr</b>	A070.5C05FP.L1	1000 mg/l	100	<b>27</b>
<b>Zr in HCl/HF tr</b>	A070.5C05FP.L5	1000 mg/l	500	<b>63</b>

## MONO - ELEMENT CONCENTRATES FOR AAS FLAME

ELEMENT	CODE	CONCENTRATION	VOLUME IN ML	PRICE CHF
<b>Ag in HNO<sub>3</sub></b>	A101.20NP.L1	10 000 mg/l	100	<b>30</b>
<b>Al in HCl</b>	A102.5CP.L1	10 000 mg/l	100	<b>30</b>
<b>Al in HNO<sub>3</sub></b>	A102.5NP.L1	10 000 mg/l	100	<b>30</b>
<b>As in HCl</b>	A103.5CP.L1	10 000 mg/l	100	<b>30</b>
<b>As in HNO<sub>3</sub></b>	A103.5NP.L1	10 000 mg/l	100	<b>30</b>
<b>Au in HCl</b>	A104.5CP.L1	10 000 mg/l	100	<b>212</b>
<b>B in NH<sub>3</sub></b>	A105.2AP.L1	10 000 mg/l	100	<b>30</b>
<b>Ba in HCl</b>	A106.5CP.L1	10 000 mg/l	100	<b>30</b>
<b>Be in HCl</b>	A107.5CP.L1	10 000 mg/l	100	<b>76</b>
<b>Be in HNO<sub>3</sub>/HF tr</b>	A107.5N1FP.L1	10 000 mg/l	100	<b>76</b>
<b>Bi in HNO<sub>3</sub></b>	A108.10NP.L1	10 000 mg/l	100	<b>30</b>
<b>Ca in HCl</b>	A109.5CP.L1	10 000 mg/l	100	<b>30</b>
<b>Ca in HNO<sub>3</sub></b>	A109.5NP.L1	10 000 mg/l	100	<b>30</b>

ELEMENT	CODE	CONCENTRATION	VOLUME IN ML	PRICE CHF
<b>Mg in HCl</b>	A132.5CP.L1	10 000 mg/l	100	<b>30</b>
<b>Mg in HNO<sub>3</sub></b>	A132.5NP.L1	10 000 mg/l	100	<b>30</b>
<b>Mn in HNO<sub>3</sub></b>	A133.5NP.L1	10 000 mg/l	100	<b>30</b>
<b>Mo in HNO<sub>3</sub>/HF tr</b>	A134.5N4FP.L1	10 000 mg/l	100	<b>30</b>
<b>Na in HCl</b>	A135.2CP.L1	10 000 mg/l	100	<b>30</b>
<b>Na in HNO<sub>3</sub></b>	A135.2NP.L1	10 000 mg/l	100	<b>30</b>
<b>Ni in HNO<sub>3</sub></b>	A138.5NP.L1	10 000 mg/l	100	<b>30</b>
<b>P in H<sub>2</sub>O</b>	A140.W.L1	10 000 mg/l	100	<b>30</b>
<b>Pb in HNO<sub>3</sub></b>	A141.5NP.L1	10 000 mg/l	100	<b>30</b>
<b>Pd in HNO<sub>3</sub></b>	A142.5NP.L1	10 000 mg/l	100	<b>279</b>
<b>Pt in HCl</b>	A144.10CP.L1	10 000 mg/l	100	<b>279</b>
<b>Rb in HNO<sub>3</sub></b>	A145.2NP.L1	10 000 mg/l	100	<b>76</b>
<b>Sb in HNO<sub>3</sub>/HF tr</b>	A150.10N2FP.L1	10 000 mg/l	100	<b>30</b>

<b>Cd in HCl</b>	A110.5CP.L1	10 000 mg/l	100	<b>30</b>
<b>Cd in HCl</b>	A110.5CP.L5	10 000 mg/l	500	<b>54</b>
<b>Cd in HNO<sub>3</sub></b>	A110.5NP.L1	10 000 mg/l	100	<b>30</b>
<b>Co in HCl</b>	A112.5CP.L1	10 000 mg/l	100	<b>30</b>
<b>Co in HNO<sub>3</sub></b>	A112.5NP.L1	10 000 mg/l	100	<b>30</b>
<b>Cr in HCl</b>	A113.5CP.L1	10 000 mg/l	100	<b>30</b>
<b>Cr in HNO<sub>3</sub></b>	A113.5NP.L1	10 000 mg/l	100	<b>30</b>
<b>Cs in HNO<sub>3</sub></b>	A114.2NP.L1	10 000 mg/l	100	<b>58</b>
<b>Cu in HCl</b>	A115.5CP.L1	10 000 mg/l	100	<b>30</b>
<b>Cu in HNO<sub>3</sub></b>	A115.5NP.L1	10 000 mg/l	100	<b>30</b>
<b>Fe in HCl</b>	A119.5CP.L1	10 000 mg/l	100	<b>30</b>
<b>Fe in HNO<sub>3</sub></b>	A119.5NP.L1	10 000 mg/l	100	<b>30</b>
<b>Ge in HNO<sub>3</sub>/HF tr</b>	A122.5N1FP.L1	10 000 mg/l	100	<b>63</b>
<b>Hg in HNO<sub>3</sub></b>	A124.10NP.L1	10 000 mg/l	100	<b>30</b>
<b>K in HCl</b>	A128.2CP.L1	10 000 mg/l	100	<b>30</b>
<b>K in HNO<sub>3</sub></b>	A128.2NP.L1	10 000 mg/l	100	<b>30</b>
<b>La in HCl</b>	A130.2CP.L1	10 000 mg/l	100	<b>30</b>
<b>Li in HNO<sub>3</sub></b>	A130.2NP.L1	10 000 mg/l	100	<b>30</b>

<b>Sb in HCl</b>	A150.20CP.L1	10 000 mg/l	100	<b>30</b>
<b>Sc in HNO<sub>3</sub></b>	A151.5NP.L1	10 000 mg/l	100	<b>104</b>
<b>Se in HNO<sub>3</sub></b>	A152.5NP.L1	10 000 mg/l	100	<b>30</b>
<b>Si in H<sub>2</sub>O</b>	A153.W.L1	10 000 mg/l	100	<b>30</b>
<b>Sn in HNO<sub>3</sub>/HF tr</b>	A155.2N2FP.L1	10 000 mg/l	100	<b>30</b>
<b>Sn in HCl</b>	A155.5CP.L1	10 000 mg/l	100	<b>30</b>
<b>Sr in HCl</b>	A156.2CP.L1	10 000 mg/l	100	<b>30</b>
<b>Sr in HNO<sub>3</sub></b>	A156.5NP.L1	10 000 mg/l	100	<b>30</b>
<b>Te in HCl</b>	A159.20CP.L1	10 000 mg/l	100	<b>63</b>
<b>Te in HNO<sub>3</sub></b>	A159.20NP.L1	10 000 mg/l	100	<b>63</b>
<b>Ti in HNO<sub>3</sub>/HF tr</b>	A161.5N2FP.L1	10 000 mg/l	100	<b>29</b>
<b>Tl in HNO<sub>3</sub></b>	A162.5NP.L1	10 000 mg/l	100	<b>29</b>
<b>V in HNO<sub>3</sub></b>	A165.5NP.L1	10 000 mg/l	100	<b>29</b>
<b>W in HNO<sub>3</sub>/HF tr</b>	A166.2N5FP.L1	10 000 mg/l	100	<b>38</b>
<b>Y in HNO<sub>3</sub></b>	A167.5NP.L1	10 000 mg/l	100	<b>63</b>
<b>Zn in HCl</b>	A169.5CP.L1	10 000 mg/l	100	<b>30</b>
<b>Zn in HNO<sub>3</sub></b>	A169.5NP.L1	10 000 mg/l	100	<b>30</b>
<b>Zr in HCl/HF tr</b>	A170.5C2FP.L1	10 000 mg/l	100	<b>76</b>

## MONO - ELEMENT STANDARD SOLUTIONS IN ALCOHOL FOR AAS (ABSORPTION AND EMISSION)

ELEMENT	CODE	CONCENTRATION	VOLUME IN ML	PRICE CHF	ELEMENT	CODE	CONCENTRATION	VOLUME IN ML	PRICE CHF
<b>Ca 12% éthanol</b>	A009.2C12EL.L1	1 000 mg/l	100	<b>45</b>	<b>K 12% éthanol</b>	A028.2C12EL.L1	1 000 mg/l	100	<b>45</b>
<b>Ca 12% éthanol</b>	A009.2C12EL.L5	1 000 mg/l	500	<b>68</b>	<b>K 12% éthanol</b>	A028.2C12EL.L5	1 000 mg/l	500	<b>68</b>
<b>Cu 12% éthanol</b>	A015.2C12EL.L1	1 000 mg/l	100	<b>45</b>	<b>Na 12% éthanol</b>	A035.2C12EL.L1	1 000 mg/l	100	<b>45</b>
<b>Cu 12% éthanol</b>	A015.2C12EL.L5	1 000 mg/l	500	<b>68</b>	<b>Na 12% éthanol</b>	A035.2C12EL.L5	1 000 mg/l	500	<b>68</b>
<b>Fe 12% éthanol</b>	A019.2C12EL.L1	1 000 mg/l	100	<b>45</b>	<b>Zn 12% éthanol</b>	A069.2C12EL.L1	1 000 mg/l	100	<b>45</b>
<b>Fe12% éthanol</b>	A019.2C12EL.L5	1 000 mg/l	500	<b>68</b>	<b>Zn 12% éthanol</b>	A069.2C12EL.L5	1 000 mg/l	500	<b>68</b>

## OPTIMIZATION SOLUTIONS FOR AAS (ABSORPTION AND EMISSION)

SOLUTION	CODE	CONCENTRATION	VOLUME IN ML	PRICE CHF	SOLUTION	CODE	CONCENTRATION	VOLUME IN ML	PRICE CHF
<b>Optimization sol. 1 : Al,Cu,Fe,Pb,Zn</b>	O9B68.5.2N.L5		500	<b>105</b>	<b>Optimization sol. 2 : Na, K</b>	O6A8F.1K.2N.L5		500	<b>120</b>

## IONISATION BUFFERS FOR AAS

ELEMENT	CODE	CONCENTRATION	VOLUME IN ML	PRICE CHF	ELEMENT	CODE	CONCENTRATION	VOLUME IN ML	PRICE CHF
<b>CsCl in HCl</b>	IB514.1C.L1	2%	100	<b>178</b>	<b>KCl in HCl</b>	IB528.1C.L1	2%	100	<b>178</b>
<b>CsCl in HCl</b>	IB514.1C.L5	2%	500	<b>396</b>	<b>KCl in HCl</b>	IB528.1C.L5	2%	500	<b>396</b>
<b>CsCl in HCl</b>	IB614.1C.L1	5%	100	<b>324</b>	<b>KCl in HCl</b>	IB628.1C.L1	5%	100	<b>324</b>
<b>CsCl in HCl</b>	IB614.1C.L5	5%	500	<b>792</b>	<b>KCl in HCl</b>	IB628.1C.L5	5%	500	<b>792</b>

<b>Cs<sub>2</sub>CO<sub>3</sub> in HNO<sub>3</sub></b>	IB514.1N.L1	2%	100	<b>178</b>	<b>KNO<sub>3</sub> in HNO<sub>3</sub></b>	IB528.1N.L1	2%	100	<b>178</b>
<b>Cs<sub>2</sub>CO<sub>3</sub> in HNO<sub>3</sub></b>	IB514.1N.L5	2%	500	<b>396</b>	<b>KNO<sub>3</sub> in HNO<sub>3</sub></b>	IB528.1N.L5	2%	500	<b>396</b>
<b>Cs<sub>2</sub>CO<sub>3</sub> in HNO<sub>3</sub></b>	IB614.1N.L1	5%	100	<b>324</b>	<b>KNO<sub>3</sub> in HNO<sub>3</sub></b>	IB628.1N.L1	5%	100	<b>324</b>
<b>Cs<sub>2</sub>CO<sub>3</sub> in HNO<sub>3</sub></b>	IB614.1N.L5	5%	500	<b>792</b>	<b>KNO<sub>3</sub> in HNO<sub>3</sub></b>	IB628.1N.L5	5%	500	<b>792</b>
<b>LiCl in HCl</b>	IB530.1C.L1	2%	100	<b>178</b>	<b>NaCl in HCl</b>	IB535.1C.L1	2%	100	<b>178</b>
<b>LiCl in HCl</b>	IB530.1C.L5	2%	500	<b>396</b>	<b>NaCl in HCl</b>	IB535.1C.L5	2%	500	<b>396</b>
<b>LiCl in HCl</b>	IB630.1C.L1	5%	100	<b>324</b>	<b>NaCl in HCl</b>	IB635.1C.L1	5%	100	<b>324</b>
<b>LiCl in HCl</b>	IB630.1C.L5	5%	500	<b>792</b>	<b>NaCl in HCl</b>	IB635.1C.L5	5%	500	<b>792</b>
<b>Li<sub>2</sub>CO<sub>3</sub> in HNO<sub>3</sub></b>	IB530.1N.L1	2%	100	<b>178</b>	<b>NaNO<sub>3</sub> in HNO<sub>3</sub></b>	IB535.1N.L1	2%	100	<b>178</b>
<b>Li<sub>2</sub>CO<sub>3</sub> in HNO<sub>3</sub></b>	IB530.1N.L5	2%	500	<b>396</b>	<b>NaNO<sub>3</sub> in HNO<sub>3</sub></b>	IB535.1N.L5	2%	500	<b>396</b>
<b>Li<sub>2</sub>CO<sub>3</sub> in HNO<sub>3</sub></b>	IB630.1N.L1	5%	100	<b>324</b>	<b>NaNO<sub>3</sub> in HNO<sub>3</sub></b>	inorganic solutions	5%	100	<b>324</b>
<b>Li<sub>2</sub>CO<sub>3</sub> in HNO<sub>3</sub></b>	IB630.1N.L5	5%	500	<b>792</b>	<b>NaNO<sub>3</sub> in HNO<sub>3</sub></b>	IB635.1N.L5	5%	500	<b>792</b>

## REAGENTS FOR AAS

ELEMENT	CODE	CONCENTRATION	VOLUME IN ML	PRICE CHF	ELEMENT	CODE	CONCENTRATION	VOLUME IN ML	PRICE CHF
<b>La<sub>2</sub>O<sub>3</sub> in HCl</b>	IB529.2C.L1	2%	100	<b>178</b>	<b>SrCO<sub>3</sub> in HCl</b>	IB556.2C.L1	2%	100	<b>178</b>
<b>La<sub>2</sub>O<sub>3</sub> in HCl</b>	IB529.2C.L5	2%	500	<b>396</b>	<b>SrCO<sub>3</sub> in HCl</b>	IB556.2C.L5	2%	500	<b>396</b>
<b>La<sub>2</sub>O<sub>3</sub> in HNO<sub>3</sub></b>	IB629.1N.L1	5%	100	<b>324</b>	<b>SrCO<sub>3</sub> in HNO<sub>3</sub></b>	IB556.2N.L1	2%	100	<b>178</b>
<b>La<sub>2</sub>O<sub>3</sub> in HNO<sub>3</sub></b>	IB629.1N.L5	5%	500	<b>792</b>	<b>SrCO<sub>3</sub> in HNO<sub>3</sub></b>	IB556.2N.L5	2%	500	<b>396</b>

## BLANKS

SOLUTION	CODE	VOLUME IN ML	PRICE CHF	SOLUTION	CODE	VOLUME IN ML	PRICE CHF
<b>Blank 5% HCl</b>	AW.5CP.L1	1000	<b>81</b>	<b>Blank 5% HNO<sub>4</sub></b>	AW.5NP.L5	500	<b>54</b>
<b>Blank 5% HCl</b>	AW.5CP.L1	100	<b>36</b>	<b>Water ASTM</b>	DI01.L1	1000	<b>108</b>
<b>Blank 5% HCl</b>	AW.5CP.L5	500	<b>54</b>	<b>Water ASTM</b>	DI01.L1	100	<b>36</b>
<b>Blank 5% HNO<sub>4</sub></b>	AW.5NP.L1	1000	<b>81</b>	<b>Water ASTM</b>	DI01.L5	500	<b>72</b>
<b>Blank 5% HNO<sub>3</sub></b>	AW.5NP.L5	100	<b>36</b>				

## MONO - ELEMENT STANDARD SOLUTIONS FOR FURNACE AAS

ELEMENT	CODE	CONCENTRATION	VOLUME IN ML	PRICE CHF	ELEMENT	CODE	CONCENTRATION	VOLUME IN ML	PRICE CHF
<b>Ag in HNO<sub>3</sub></b>	FD160.D01.1N.L05	0,010mg/l	50	<b>80</b>	<b>Mn in HNO<sub>3</sub></b>	F4C73.D01.1N.L05	0,010mg/l	50	<b>80</b>
<b>Al in HNO<sub>3</sub></b>	FF562.D03.1N.L05	0,030mg/l	50	<b>80</b>	<b>Mo in HNO<sub>3</sub></b>	FB072.D02.1N.L05	0,020mg/l	50	<b>80</b>
<b>As in HNO<sub>3</sub></b>	F2165.D02.1N.L05	0,020mg/l	50	<b>80</b>	<b>Na in HNO<sub>3</sub></b>	F5834.D005.1N.L05	0,005mg/l	50	<b>80</b>
<b>Ba in HNO<sub>3</sub></b>	F5924.D03.1N.L05	0,030mg/l	50	<b>80</b>	<b>Ni in HNO<sub>3</sub></b>	F3836.D03.1N.L05	0,030mg/l	50	<b>80</b>
<b>Ca in HNO<sub>3</sub></b>	F9919.D005.1N.L05	0,005mg/l	50	<b>80</b>	<b>Pb in HNO<sub>3</sub></b>	F1ED8.D02.1N.L05	0,020mg/l	50	<b>80</b>
<b>Cd in HNO<sub>3</sub></b>	F5519.D002.1N.L05	0,002mg/l	50	<b>80</b>	<b>Sb in HNO<sub>3</sub></b>	F1ED8.D02.1N.L05	0,020mg/l	50	<b>80</b>
<b>Co in HNO<sub>3</sub></b>	F711B.D02.1N.L05	0,020mg/l	50	<b>80</b>	<b>Se in HNO<sub>3</sub></b>	F6AD9.D02.1N.L05	0,020mg/l	50	<b>80</b>
<b>Cr in HNO<sub>3</sub></b>	F1D1D.D02.1N.L05	0,020mg/l	50	<b>80</b>	<b>Sn in HNO<sub>3</sub></b>	F4EDB.D03.1N.L05	0,030mg/l	50	<b>80</b>
<b>Cu in HNO<sub>3</sub></b>	F691C.D02.1N.L05	0,020mg/l	50	<b>80</b>	<b>Ti in HNO<sub>3</sub></b>	FFA6F.D04.1N.L05	0,040mg/l	50	<b>80</b>

<b>Fe in HNO<sub>3</sub></b>	FA9D4.D02.1N.L05	0,020mg/l	50	<b>80</b>
<b>K in HNO<sub>3</sub></b>	F6032.D005.1N.L05	0,005mg/l	50	<b>80</b>

<b>V in HNO<sub>3</sub></b>	F0C34.D03.1N.L05	0,030mg/l	50	<b>80</b>
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## MATRIX MODIFIERS FOR FURNACE AAS

ELEMENT	CODE	CONCENTRATION	VOLUME IN ML	PRICE CHF	ELEMENT	CODE	CONCENTRATION	VOLUME IN ML	PRICE CHF
<b>Pd(NO<sub>3</sub>)<sub>2</sub>+Mg(NO<sub>3</sub>)<sub>2</sub></b>	MM2323.10K.1N.L05	2 g/l + 10 g/l	50	<b>216</b>	<b>NH<sub>4</sub>NO<sub>3</sub></b>	MM909D.50K.W.L05	50 g/l	50	<b>178</b>
<b>Mg(NO<sub>3</sub>)<sub>2</sub> in H<sub>2</sub>O</b>	MM2F6A.10K.W.L05	10 g/l	50	<b>108</b>	<b>Ni(NO<sub>3</sub>)<sub>2</sub></b>	MM9E04.10K.1N.L05	10 g/l	50	<b>108</b>
<b>Mg(NO<sub>3</sub>)<sub>2</sub> in H<sub>2</sub>O</b>	MM2F6A.20K.W.L05	20 g/l	50	<b>162</b>	<b>Th(NO<sub>3</sub>)<sub>4</sub></b>	MMCB20.10K.1N.L05	10 g/l	50	<b>270</b>
<b>Pd(NO<sub>3</sub>)<sub>2</sub> in 1% HNO<sub>3</sub></b>	MM4CF5.2K.1N.L05	2 g/l	50	<b>128</b>	<b>NH<sub>4</sub>H<sub>2</sub>PO<sub>4</sub></b>	MMCFE0.100K.1N.L05	100 g/l	50	<b>216</b>
<b>Pd(NO<sub>3</sub>)<sub>2</sub> in 1% HNO<sub>3</sub></b>	MM4CF5.5K.1N.L05	5 g/l	50	<b>178</b>	<b>NH<sub>4</sub>H<sub>2</sub>PO<sub>4</sub></b>	MMCFE0.20K.1N.L05	20 g/l	50	<b>108</b>

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