

1 Sample

Reference Entries: $\text{Al}_2(\text{SO}_4)_3$, H_2O , $\text{C}_6\text{H}_{12}\text{O}_6$, $\text{CH}_3\text{CH}_2\text{OH}$, CH_2O , OF_2 , O_2F_2 , SO_4^{2-} , H_3O^+ , OH^- , O_2 , AlF_3 , O , Al_2CoO_4 , As_4S_4 , $\text{C}_{10}\text{H}_{10}\text{O}_4$, $\text{C}_5\text{H}_4\text{NCOOH}$, $\text{C}_8\text{H}_{10}\text{N}_4\text{O}_2$, SO_2 , $\text{S}_2\text{O}_7^{2-}$, SbBr_3 , Sc_2O_3 , $\text{Zr}_3(\text{PO}_4)_4$, ZnF_2 .

Glossary

A

| | |
|------------------------------|---------------------------|
| AlF_3 | aluminium trifluoride |
| $\text{Al}_2(\text{SO}_4)_3$ | aluminium sulfate |
| Al_2CoO_4 | cobalt blue |
| As_4S_4 | tetraarsenic tetrasulfide |

C

| | |
|---|--------------|
| CH_2O | formaldehyde |
| $\text{CH}_3\text{CH}_2\text{OH}$ | ethanol |
| $\text{C}_5\text{H}_4\text{NCOOH}$ | niacin |
| $\text{C}_6\text{H}_{12}\text{O}_6$ | glucose |
| $\text{C}_8\text{H}_{10}\text{N}_4\text{O}_2$ | caffeine |
| $\text{C}_{10}\text{H}_{10}\text{O}_4$ | ferulic acid |

H

| | |
|------------------------|-----------|
| H_2O | water |
| H_3O^+ | hydronium |

O

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|------------------------|---------------------|
| O | oxygen |
| OF_2 | oxygen difluoride |
| OH^- | hydroxide ion |
| O_2 | dioxygen |
| O_2F_2 | dioxygen difluoride |

S

| | |
|-----------------------------|-----------------------|
| SO_2 | sulfur dioxide |
| SO_4^{2-} | sulfate |
| $\text{S}_2\text{O}_7^{2-}$ | disulfate ion |
| SbBr_3 | antimony(III) bromide |
| Sc_2O_3 | scandium oxide |

Z

| | |
|------------------------------|---------------------|
| ZnF_2 | zinc fluoride |
| $\text{Zr}_3(\text{PO}_4)_4$ | zirconium phosphate |