

Applications of Ion-Selective Electrodes

| | Ammonium | Barium | Bromide | Calcium | Cadmium | Carbonate | Chloride | Cupric | Cyanide | Fluoride | Iodide | Lead | Mercury | Nitrate | Nitrite | Perchlorate | Potassium | Silver | Sulphide | Thiocyanate |
|-----------------------|----------|--------|---------|---------|---------|-----------|----------|--------|---------|----------|--------|------|---------|---------|---------|-------------|-----------|--------|----------|-------------|
| Baby Food | X | | | X | | | X | | | X | X | | | X | X | | | | | |
| Beer | X | | | X | | X | | | | | | | | | | | | | | |
| Biological Samples | X | | X | | | | | | | X | X | | | | | | | | | |
| Blood | | | | | | | | | | X | | | | | | | X | | | |
| Boiler Feedwater | X | | | X | | | X | | | X | | | | | | | | | | |
| Cheese | | | | X | | | X | | | | | | | | | | | | | |
| Drinking Water | X | | X | X | | X | X | | | X | X | | | X | X | | X | | | |
| Environmental | X | X | | | X | | X | | X | | | X | X | X | X | | | | X | |
| Explosives | | | | | | | | | | | | | | | | X | | | | |
| Faeces | X | | | | | | | | | | | | | | | | X | | | |
| Feedstuffs | | | | X | | | | | | | X | | | | | | | | | |
| Fertilizers | X | | | X | | | | | | | | | | X | | | X | | | |
| Fish Bonds/Tanks | X | | | | | | | | | | | | | | | | | | | |
| Fruits | | | | X | | | | | | | | | | X | X | | X | | | |
| Gastric Juices | | | | X | | | X | | | | | | | | | | | | | |
| Ground Water | X | | | X | | | X | | | | | | | X | X | | X | | | |
| Liquors | | | | X | | | X | | X | | | | | | | | | | X | |
| Milk | | | | X | | | X | | | X | X | | | | | | X | | | |
| Mineral Water | | | | X | | X | | | | | X | | | | | | | | | |
| Paper Pulp | | | | X | | | X | | | | | | | | | | | | X | |
| Photo Fixing Solution | | | | | | | | | | | | | | | | | | X | | |
| Pickling Baths | | | | | | | X | | | | | | | X | X | | | | | |
| Plant Tissue | | | X | | | | X | | | | | | | X | | | X | | | |
| Plating Baths | X | X | | | X | | X | X | X | | | | | X | | | | X | | X |
| Rain Water | | | | | | | | | | X | | | | | | | | | | |
| Saliva | | | | | | | | | | X | | | | | | | | | | |
| Sea Water | X | | | | | | X | | | | | | | X | | | | | | |
| Serum/Plasma | | | | X | | | X | | | | | | | | | | X | | | |
| Sewerage Sludge | X | X | | | | | | X | | | | | | | | | | | | |
| Soft Drinks | | | | X | | X | | | | X | | | | | | | | | | |
| Soils | X | | X | | | | X | | | X | | | | | | | | | | |
| Solid Propellants | | | | | | | | | | | | | | | | | | | | |
| Stack Gases | X | | | | | | | | X | | | | | | | | | | | |
| Surface Water | X | | | | | | X | | | | | | | | | | X | | | |
| Sweat | | | | | | | X | | | | | | | | | | | | | |
| Teeth & Bone | | | | | | | | | | X | | | | | | | | | | |
| Toothpaste | | | | | | | | | | X | | | | | | | | | | |
| Urine | X | | | | | | | | | X | | | | | | | X | | | |
| Vegetables | | | | | | | X | | | | | | | | | | X | | | |
| Waste Water | X | X | X | X | | | X | | X | | | | | | | | X | | X | |
| Wine | X | | X | | | X | | | | X | | | | | | | X | | | |