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Environmental; Biological Effects and Environmental Fate; Industrial Biotechnology

D3978-04(2012) Standard Practice for Algal Growth Potential Testing with *Pseudokirchneriella subcapitata*

E724-98(2012) Standard Guide for Conducting Static Acute Toxicity Tests Starting with Embryos of Four Species of Saltwater Bivalve Molluscs

E729-96(2014) Standard Guide for Conducting Acute Toxicity Tests on Test Materials with Fishes, Macroinvertebrates, and Amphibians

E857-05(2012) Standard Practice for Conducting Subacute Dietary Toxicity Tests with Avian Species

E943-08(2014) Standard Terminology Relating to Biological Effects and Environmental Fate

E981-04(2012) Standard Test Method for Estimating Sensory Irritancy of Airborne Chemicals

E1022-94(2013) Standard Guide for Conducting Bioconcentration Tests with Fishes and Saltwater Bivalve Mollusks

E1023-84(2014) Standard Guide for Assessing the Hazard of a Material to Aquatic Organisms and Their Uses

E1163-10(2016) Standard Test Method for Estimating Acute Oral Toxicity in Rats

E1191-03a(2014) Standard Guide for Conducting Life-Cycle Toxicity Tests with Saltwater Mysids

E1192-97(2014) Standard Guide for Conducting Acute Toxicity Tests on Aqueous Ambient Samples and Effluents with Fishes, Macroinvertebrates, and Amphibians

E1193-97(2012) Standard Guide for Conducting *Daphnia magna* Life-Cycle Toxicity Tests

E1197-12 Standard Guide for Conducting a Terrestrial Soil-Core Microcosm Test

E1218-04(2012) Standard Guide for Conducting Static Toxicity Tests with Microalgae

E1241-05(2013) Standard Guide for Conducting Early Life-Stage Toxicity Tests with Fishes

E1242-97(2014) Standard Practice for Using Octanol-Water Partition Coefficient to Estimate Median Lethal Concentrations for Fish Due to Narcosis

E1295-01(2013) Standard Guide for Conducting Three-Brood, Renewal Toxicity Tests with *Ceriodaphnia dubia*

E1366-11(2016) Standard Practice for Standardized Aquatic Microcosms: Fresh Water

E1367-03(2014) Standard Test Method for Measuring the Toxicity of Sediment-Associated Contaminants with Estuarine and Marine Invertebrates

E1391-03(2014) Standard Guide for Collection, Storage, Characterization, and Manipulation of Sediments for Toxicological Testing and for Selection of Samplers Used to Collect Benthic Invertebrates

E1415-91(2012) Standard Guide for Conducting Static Toxicity Tests With *Lemna gibba* G3

E1439-12 Standard Guide for Conducting the Frog Embryo Teratogenesis Assay-Xenopus (FETAX)

E1440-91(2012) Standard Guide for Acute Toxicity Test with the Rotifer *Brachionus*

E1463-92(2012) Standard Guide for Conducting Static and Flow-Through Acute Toxicity Tests With Mysids From the West Coast of the United States

E1498-92(2012) Standard Guide for Conducting Sexual Reproduction Tests with Seaweeds

E1525-02(2014) Standard Guide for Designing Biological Tests with Sediments

E1562-00(2013) Standard Guide for Conducting Acute, Chronic, and Life-Cycle Aquatic Toxicity Tests with Polychaetous Annelids

E1563-98(2012) Standard Guide for Conducting Static Acute Toxicity Tests with Echinoid Embryos

E1604-12 Standard Guide for Behavioral Testing in Aquatic Toxicology

E1611-00(2013) Standard Guide for Conducting Sediment Toxicity Tests with Polychaetous Annelids

E1619-11(2016) Standard Test Method for Chronic Oral Toxicity Study in Rats

E1676-12 Standard Guide for Conducting Laboratory Soil Toxicity or Bioaccumulation Tests with the Lumbricid Earthworm *Eisenia Fetida* and the Enchytraeid Potworm *Enchytraeus albidus*

E1688-10(2016) Standard Guide for Determination of the Bioaccumulation of Sediment-Associated Contaminants by Benthic Invertebrates

E1706-05(2010) Standard Test Method for Measuring the Toxicity of Sediment-Associated Contaminants with Freshwater Invertebrates

E1711-12 Standard Guide for Measurement of Behavior During Fish Toxicity Tests

E1733-95(2014) Standard Guide for Use of Lighting in Laboratory Testing

E1768-95(2013) Standard Guide for Ventilatory Behavioral Toxicology Testing of Freshwater Fish

E1841-04(2012) Standard Guide for Conducting Renewal Phytotoxicity Tests With Freshwater Emergent Macrophytes

E1847-96(2013) Standard Practice for Statistical Analysis of Toxicity Tests Conducted Under ASTM Guidelines

E1849-96(2013) Standard Guide for Fish and Wildlife Incident Monitoring and Reporting

E1850-04(2012) Standard Guide for Selection of Resident Species as Test Organisms for Aquatic and Sediment Toxicity Tests

E1963-09(2014) Standard Guide for Conducting Terrestrial Plant Toxicity Tests

E2045-99(2014) Standard Practice for Detailed Clinical Observations of Test Animals

E2122-02(2013) Standard Guide for Conducting In-situ Field Bioassays With Caged Bivalves

E2172-01(2014) Standard Guide for Conducting Laboratory Soil Toxicity Tests with the Nematode *Caenorhabditis elegans*

E2186-02a(2016) Standard Guide for Determining DNA Single-Strand Damage in Eukaryotic Cells Using the Comet Assay

E2317-04(2012) Standard Guide for Conducting Renewal Microplate-Based Life-Cycle Toxicity Tests with a Marine Meiobenthic Copepod

E2385-11(2016) Standard Guide for Estimating Wildlife Exposure Using Measures of Habitat Quality

E2455-06(2013) Standard Guide for Conducting Laboratory Toxicity Tests with Freshwater Mussels

E2552-16 Standard Guide for Assessing the Environmental and Human Health Impacts of New Compounds for Military Use

E2590-15 Standard Guide for Conducting Hazard Analysis-Critical Control Point (HACCP) Evaluations

E2591-07(2013) Standard Guide for Conducting Whole Sediment Toxicity Tests with Amphibians

E3072-18 Standard Terminology for Industrial Biotechnology