

**LIST OF ACRONYMS AND ABBREVIATIONS**

3 R's	Replacement, Reduction, and Refinement
AAALAC	Association for Assessment and Accreditation of Laboratory Animal Care
Anal.	Analytical method used to transform the sample data into BCOP classification
ANOVA	Analysis of variance
ASTM	American Society for Testing Materials
BP	British Pharmacopeia
BCOP	Bovine Corneal Opacity and Permeability
BRD	Background Review Document
C	Corrosive
CAS	Chemical Abstract Service
CASRN	Chemical Abstracts service Registry Number
CEC	Commission of European Communities
CGRP	Calcitonin Gene Related Peptide
CO	Corneal opacity
CPSC	U.S. Consumer Protection Safety Commission
CS	Corneal swelling
CTFA	Cosmetic Toiletry and Fragrance Association
CV	Coefficient of variation
DOI	Depth of injury
EC	European Commission
EC/HO	European Commission/British Home Office
ECETOC	European Centre for Ecotoxicology and Toxicology
ECVAM	European Centre for the Validation of Alternative Methods
EDTA	Ethylenediaminetetraacetic acid
EEC	European Economic Community
EPA	U.S. Environmental Protection Agency
EPA OPPTS	U.S. Environmental Protection Agency Office of Prevention, Pesticides and Toxic Substances

ESL	Environmental Safety Laboratory
EU	European Union
ExRET	Ex Vivo Rabbit Eye Test
FDA	U.S. Food and Drug Administration
FHSA	Federal Hazardous Substance Act
FIFRA	Federal Insecticide, Fungicide and Rodenticide Act
FRt	Fluorescein retention
<i>FR</i>	<i>Federal Register</i>
FRAME	Fund for Replacement of Animals in Medical Experiments
g	Gram
GHS	Globally Harmonized Classification System
GLP	Good Laboratory Practice
GSK	GlaxoSmithKline
HET-CAM	Hen's Egg Test Chorioallantoic membrane
ICCVAM	Interagency Coordinating Committee on the Validation of Alternative Methods
ICE	Isolated Chicken Eye
IL-1	Interleukin-1
IRE	Isolated Rabbit Eye
IACAC	Institutional Animal Care and Use Committee
I.H.E.	Institute for Hygiene and Epidemiology
Kg	Kilogram(s)
L	Liter(s)
LVET	Low Volume Eye Test
MAS	Maximum Average Score
mg	Milligram(s)
mg/kg	Milligram(s) per kilogram
mL	Milliliter(s)
mL/min	Milliliter(s) per minute
mm	Millimeter(s)
MMAS	Modified Maximum Average Score
MMPs	Matrix metalloproteinases

MT	Mottling
NA	Not applicable
NDI	Normalized Depth of Injury
NICEATM	National Toxicology Program Interagency Center for the Evaluation of Alternative Toxicological Methods
NS	Not specified
OECD	Organization for Economic Co-Operation and Development
TG 405	Test Guideline 405
OPPTS	Office of Prevention, Pesticides, and Toxic Substances/U.S. EPA
OSHA	Occupational Safety and Hazardous Administration
OT	Other
PBS	Phosphate buffered saline
P.L.	Public law
PLA <sub>2</sub>	Phospholipase A <sub>2</sub>
pos	Positive
PT	Pitting
QA	Quality assurance
r	Correlation coefficient
REET	Rabbit Enucleated Eye Test
RN	Registry number
Sample ID	Sample identification
SD	Standard deviation
SL	Sloughing
SOT	Society of Toxicology
ST	Stippling
TG	Test Guideline
TNF	Tumor necrosis factor
TNO-CIVO	Institute CIVO – Toxicology and Nutrition (TNO)
TSCA	Toxic Substance Control Act
U.S.	United States
UL	Ulceration

$\mu\text{L}$	Microliter(s)
UN	United Nations
WHO	World Health Organization
YSI	Yellow Springs Instruments
Zeneca CTL	Central Testing Laboratory