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ABBREVIATIONS

°C	=	Degree Celsius
μl	=	Microliter
μm	=	Micrometer
4-MBC	=	4-methylbenzylidene camphor
A _s	=	Asymmetric factor
AS/NZS	=	Australian/New Zealand standard
BEMT	=	Bis-ethylhexyloxyphenol methoxyphenyltriazine
BMDBM	=	Butylmethoxy dibenzoylmethane
BZ-3	=	Benzophenone-3
BZ-4	=	Benzophenone-4
CAS No.	=	Chemical Abstract Services Number
cm ²	=	Square Centimeter
COLIPA	=	The European Cosmetic Toiletry and Perfumery Association
CTFA	=	The Cosmetic, Toiletry, and Fragrance Association (The Personal Care Products Council: PCPC)
DAHB	=	Diethylaminohydroxybenzoyl hexylbenzoate
DBT	=	Diethylhexyl butamido triazone
DTS	=	Drometrizole trisiloxane
ED-PABA	=	Ethylhexyl dimethyl PABA
EDTA	=	Ethylenediaminetetraacetic acid
EHMC	=	Ethylhexyl methoxycinnamate
EHS	=	Ethylhexyl salicylate,
EU	=	European
FDA	=	Food and Drug Administration
GC	=	Gas chromatography

ABBREVIATIONS (CONT.)

HMS	=	Homosalate
HPLC	=	High performance liquid chromatography
ICH	=	International Conference on Harmonisation
IEC	=	Ion-exchange chromatography
IMC	=	Isoamyl-p-methoxycinnamate,
INCI	=	International nomenclature cosmetic ingredient
IR	=	Infrared spectroscopy
JCIA	=	Japan cosmetic industry association
LC	=	Liquid chromatography
LOD	=	Limit of detection
LOQ	=	Limit of quantitation
MBBT	=	Methylene bis-benzotriazolyl tetramethylbutylphenol,
mg	=	Milligram
min	=	Minute
mL	=	Milliliter
mm	=	Millimeter
mM	=	Millimolar
MS	=	Mass spectrometry
nm	=	Nanometer
NMR	=	Nuclear magnetic resonance
NPC	=	Normal phase chromatography
OCR	=	Octocrylene
ODS	=	Octadecyl silane bonded silica
PA	=	The protection grade of UVA
PABA	=	4-Aminobenzoic acid
PBSA	=	Phenylbenzimidazole sulphonic acid

ABBREVIATIONS (CONT.)

PDA	=	Photo diode array
PFA	=	Protection of factor UVA
PPD	=	Persistent pigment darkening
RPC	=	Reverse phase chromatography
R_s	=	Resolution
SEC	=	Size-exclusion chromatography
SPF	=	Sun protection factor
TDSA	=	Terephthalidene dicamphor sulfonic acid
T_f	=	Tailing factor
TLC	=	Thin layer chromatography
t_R	=	Retention time
US	=	The United States
UV	=	Ultraviolet
UV-VIS	=	Ultraviolet-Visible
UVA-PF	=	Protection of factor UVA
v/v	=	Volume by volume
W_b	=	The widths at the baseline of the peaks