



Technical Guidelines for Research on Quality Control Requirements for Sunscreen Cosmetics (Trial)

《防晒化妆品质量控制要求研究技术指导原则（试行）》

National Institutes for Food and Drug Control

Release Date: Apr 15, 2026
Implementation Date: Apr 15, 2026

Translated by ChemLinked

Disclaimer

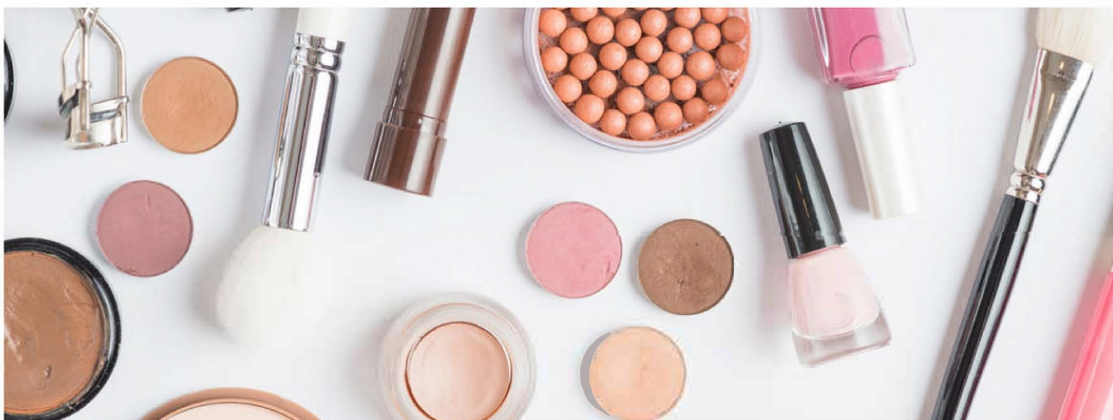
ChemLinked provides translation services to assist clients in understanding the content of regulatory documents. We strive for the accuracy and reliability of our translations, but we do not warrant the accuracy, completeness, or suitability of the translated content.

Clients are responsible for the risks inherent in utilizing our translation services and should consult with professional legal advisors as required. ChemLinked disclaims any liability for any losses or damages arising from the use of our translation services.

Nondisclosure:

You may not disclose this document to anyone else without the written permission of ChemLinked.

For further clarification and questions, you can read our [Privacy Policies](#) or contact us at contact@chemlinked.com



You can now catch up with the latest updates of China CSAR on ChemLinked:



Stay tuned for more translations:

We will provide English translations of CSAR and supporting rules.



Watch our webinars:

Interpretation of China's Cosmetic Supervision and Administration Regulation



Check out the breaking news:

China Finalises the Long-Awaited Cosmetic Supervision and Administration Regulation



Visit the featured page for more information:

Featured — China Cosmetic Regulatory Reform Tracking

Attachment 6

**Technical Guidelines for Research on Quality Control Requirements for
Sunscreen Cosmetics (Trial)**

National Institutes for Food and Drug Control

ChemLinked Team, REACH24H Consulting Group

Website: <http://www.chemlinked.com> | Email: contact@chemlinked.com

Tel: +353 1 8899 951 / +86 (0)571 8609 4444

Contents

I. Introduction	3
II. Application Scope	3
III. General Principles	3
IV. Main Contents	4
(I) Stability Research	4
(II) Research on Quality Control Items and Indicators	4
1. Physical and Chemical Items and Indicators	5
2. Microbiological Items and Indicators	7
(III) Research on Quality Management Measures	7
1. Testing Methods	7
2. Non-testing Methods	8
V. Other Requirements	8

I. Introduction

In accordance with the *Cosmetic Supervision and Administration Regulation* (CSAR), sunscreen cosmetics are classified as special cosmetics, and subject to registration management. Registrants need to be responsible for the quality and safety of sunscreen cosmetics. Since the formal implementation of CSAR on January 1, 2021, higher requirements have been put forward for the quality, safety, supervision, and management of cosmetics. As new requirements of the new cosmetic regulations, product executive standards aim to guide the cosmetic industry in implementing the principle of “one standard for one product”, and promote the improvement of product quality through standard management means. Quality control requirements constitute a crucial part of product executive standards. For the purpose of regulating and guiding the research on quality control requirements for sunscreen cosmetics, these guidelines are hereby formulated.

These guidelines are formulated based on existing laws, administrative regulations, departmental rules, mandatory national standards, and technical standards, as well as the current level of scientific cognition. Relevant contents will be adjusted in a timely manner with the continuous improvement of regulations and standards, and the constant development of science and technology.

II. Application Scope

These guidelines apply to the research on quality control requirements for sunscreen cosmetics. The product quality control requirements mentioned herein refer to the “microbiological and physical and chemical indicators and their quality control measures” under the product executive standards in the registration dossiers, which specifically include the testing items and indicators, quality management measures, and brief descriptions, among other contents.

Registrants shall apply these guidelines under the premise of complying with existing laws, administrative regulations, mandatory national standards, and technical standards. If there are other applicable technical guidelines, the technical requirements in the corresponding guidelines shall also be referred to.

III. General Principles

The research on quality control requirements for sunscreen cosmetics shall, on the basis of fully considering the impacts from various links such as ingredient quality, formula

Make Sure Your Products Entering Global Market with Compliance

What we can do for you?



- + Responsible person (RP) service in China
- + Cosmetic formula and label compliance review
- + Product registration and notification
- + New cosmetic ingredient (NCI) registration and notification
- + Ingredient safety information submission
- + Cosmetic efficacy evaluation



- + Cosmetic formula and label compliance review
- + EDI Notification
- + Cosmetic QC test service
- + Functional cosmetic registration
- + Ingredients registration by ICID



- + Marketing license application
- + Cosmetics notification
- + Ingredients analysis and full ingredient list translation
- + Cosmetic test service
- + Label & advertisement review



- + Responsible Person (RP) service in the EU & UK
- + Cosmetic Product Notification Portal (CPNP)
- + Cosmetic Product Safety Report (CPSR)
- + Preparation of Product Information File (PIF)



- + Cosmetic formula and label compliance review
- + FDA Voluntary Cosmetic Registration Program (VCRP)
- + California Safe Cosmetics Program (CSCP)
- + Toxicological Risk Assessment (TRA)
- + INCI application

What makes us unique?

- ✔ Connect with officials and associations
- ✔ Flexible consulting service packages
- ✔ Team of qualified toxicology and regulatory experts



附件 6

防晒化妆品质量控制要求研究 技术指导原则（试行）

中国食品药品检定研究院

目录

一、前言.....	3
二、适用范围.....	3
三、一般原则.....	3
四、主要内容.....	4
(一) 稳定性研究.....	4
(二) 质量控制项目与指标研究.....	4
1. 理化项目和指标.....	5
2. 微生物项目和指标.....	7
(三) 质量管理措施研究.....	7
1. 检验方式.....	7
2. 非检验方式.....	8
五、其他要求.....	8

一、前言

根据《化妆品监督管理条例》（以下简称《条例》），防晒化妆品属于特殊化妆品，实行注册管理，注册人需对防晒化妆品的质量安全负责。2021年1月1日《条例》正式施行，对化妆品的质量安全和监督管理提出更高要求。作为化妆品新法规的新要求，产品执行的标准旨在引导化妆品行业推行“一品一标”，运用标准管理的手段推动产品质量提升。质量控制要求是产品执行的标准中重要内容，为规范和指导防晒化妆品质量控制要求研究，制定本指导原则。

本指导原则是在现行法律、行政法规、部门规章、强制性国家标准、技术规范以及当前科学认知水平下制定的，随着法规、标准的不断完善以及科学技术的不断发展，相关内容将适时进行调整。

二、适用范围

本指导原则适用于防晒化妆品的质量控制要求研究。本指导原则所指的产品质量控制要求是指注册资料中的产品执行的标准“微生物和理化指标及其质量控制措施”，具体包括检验项目、指标、质量管理措施和简要说明等内容。

注册人应在遵循现行法律、行政法规、强制性国家标准和技术规范的前提下使用本指导原则，如同时符合其他技术指导原则适用范围的，还应参考相应指导原则的技术要求。

三、一般原则

防晒化妆品的质量控制要求研究应在充分考虑原料质量、配方组成、生产工艺、产品稳定性等各个环节影响的基础上，有针对性地制定能有效控制产品质量、安全的项目和指标。质量控制措施应具有可操作性，与生产工艺相适应，并能有效地控制产品批次间质量的稳定性和一致性，确保防晒化妆品的质量安全。

四、主要内容

防晒化妆品质量控制要求研究主要包括稳定性、质量控制指标、质量管理措施等内容。

（一）稳定性研究

稳定性研究是产品质量安全研究的重要基础，可为产品使用期限和质量控制指标的设置提供依据。稳定性研究应当根据产品特性，选择在保存期间易于变化、可能会影响产品质量安全、功效的项目作为指标，如产品性状（颜色等）、微生物、功效成分（化学防晒剂）含量等，观察这些指标在温度、湿度、光线等参数影响下随时间变化的规律。此外，还需充分考虑包装材料对产品质量的影响。



Free



Free trial



Standard



Corporate



Special

SUBSCRIBE TO CHEMLINKED NOW

REMOVE COSMETIC REGULATORY BARRIERS EXPEDITE GLOBAL MARKET ACCESS

- In-time regulatory information and market access requirements
- Supported by local and experienced technically adept technical team
- Strategic partnerships with competent authorities and industrial associations worldwide
- Customized consulting service for complete compliance solutions.

OUR SERVICES



Information & Knowledge

News, Reports, Expert Analysis
Pedia-articles



Databases

Regulatory Database, English Translations
Inventories/Lists



Solutions

Regulatory Compliance Service, On-demand
Translation, Advertisement Service, Tailor-made
Service, E-commerce Solution



Training

Webinars, Online Course
Offline Events