

TECHNICAL DATA SHEET
ACI-0101 Spirulina Powder ET-F

ACI-0101 Spirulina Powder ET-F is a microscopic alga with high levels of proteins, vitamins, amino-acids, minerals and antioxidant.
ACI-0101 Spirulina Powder ET-F has been assessed as compliant to the Standard Cosmos (v3.0 – September 2018)

GENERAL INFORMATION:

Spirulina functions as an active ingredient and is not permitted for the purpose of coloration, UV protection and/or preservation in cosmetic products marketed in the United States of America, the European Union and/or other regions/countries whose regulations mirror those of the European Union. The use of Spirulina extract for non-permitted functions is subject to enforcement action by governing regulatory authorities.

COMPOSITION:

Components	%	CAS	EINECS	CI
Spirulina platensis powder	100	223751-80-2	-	-

REACH information:

- Spirulina platensis powder (CAS: 223751-80-2) Exempted – Annex V (8)

% NATURALITY – ISO 16128-2

- Natural content 100% Natural Index = 1

TYPICAL PROPERTIES:

Physical Form & Appearance:	Green Dry Powder	Arsenic – As (ppm)	≤2.0 ppm
Moisture (%)	≤ 7.0 %	Lead – Pb (ppm)	≤2.0 ppm
Crude Protein (%)	≥ 55.0 %	Microbiological Specifications:	≤ 100 CFU/g Bacteria
Chlorophyll-a	250 – 1000 mg/100g		≤ 100 CFU/g Yeast
c-Phycocyanin	900 – 3600 mg/100g		≤ 100 CFU/g Mold
Carotenoids	30 – 140 mg/100g		Absence of Coliforms, <i>E-Coli</i> ,
Total Pheophorbide	≤100 mg/100g		<i>Salmonella</i> , <i>Staphylococcus</i>
Existing Pheophorbide	≤50 mg/100g		

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SHELF LIFE: We guarantee 4 years of shelf life after production date. Store in a cool, dark place, keeping away from water, under hermetically sealed condition.

USE RESTRICTIONS: ACI-0101 Spirulina Powder ET-F can be used as active ingredient in make-up, skin care, sun care and hair care products at levels recommended 0.1% to 1.0% of the finished formulation.

COUNTRY OF ORIGIN: Japan

GENERAL PRODUCT INFORMATION:

ACI-0101 Spirulina Powder ET-F is manufactured **using raw materials of non-GMO plant origin**, but not from animal origin, wheat or other grains; therefore it is considered to be Bovine Spongiform Encephalopathy (BSE), Genetically Modified Organisms (GMO) and gluten free. Also, the product does not contain any Palm Oil, preservatives, pesticides or any of the 26 allergens listed in the EU Regulation No 1223/2009 as intentional ingredients. ACI-0101 Spirulina Powder ET-F does not use any solvents (Class 1, Class 2, Class 3, or Class 4) as defined by USP <467> during its manufacture. It also does not contain any known or intentional amounts of Aflatoxin / Dioxin, phthalates or any of the other materials listed below. However, this product has not been analyzed by Sun Chemical for these substances and no actual data is available.

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|------------------------------------|-------------------------------|-------------------------------|---------------------------------|
| ▪ Nitrosamines & Aromatic Amines | ▪ Diethylene Glycol | ▪ Acrylamide | ▪ 1-4 Dioxane |
| ▪ Polycyclic Aromatic Hydrocarbons | ▪ Ethylene Oxide | ▪ Glycol Ether | ▪ Formaldehyde |
| ▪ Butyl Benzyl Phthalate (BBP) | ▪ Diethyl Phthalate | ▪ Dibutyl Phthalate (DBP) | ▪ Diethylhexyl Phthalate (DEHP) |
| ▪ Diisononyl Phthalate (DINP) | ▪ Di-n-octyl Phthalate (DNOP) | ▪ Diisodecyl Phthalate (DIDP) | |

Sun Chemical has not conducted nor sponsored animal studies for any of the components in our Cosmetics products. Due to the registration requirements under European REACH we may need to acquire right of access to studies conducted outside the scope of the European Cosmetic Regulation for same chemistry but different grades. It is our understanding that these studies that involved animal testing have not been used to justify the fitness of use of our products under the Cosmetic Regulation. Further, we believe that even in the case of these tests, they were conducted prior to the restriction on animal testing for cosmetics ingredients under the European Cosmetic Regulation. It is not classified as CMR under current EU directives.

Please refer to the Safety Data Sheet for the global inventory status of this product.

Revision: 11/06/2020
Supersedes: 06/23/2020

TDS is computer generated and therefore valid without signature.

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