

**TECHNICAL DATA SHEET**Effective date: 07.2021
Rev.0**ARGININE****INFORMATION ON SUBSTANCE / MIXTURE**

INCI	Arginine
Relevant uses	L-Arginine Ph.Eur. Raw material for cosmetics
Additives	No preservatives added

TECHNICAL DATA**Physical and chemical parameters**

Appearance	Crystalline powder
Color	White
Odor	Odourless
Assay	98,50 - 101,00
Specific optical rotation 20°C	25,5 - 28,5
pH (10% solution)	10,5 - 12,0
Relative density	1,46 g/cc
Sulphates	<=300 ppm
Ammonium	<=200 ppm
Chloride	<=200 ppm
Iron	<=10 ppm
Lead	<=3 ppm
Heavy metals	<=10 ppm

Biological parameters

Total Count (UFC/g)		
Total bacterial count	<=1000	
Yeasts and molds	<=100	
Coliform bacteria	Absent	
E.coli	Absent/10g	
Salmonella	Absent/25g	

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Rev.0**ARGININE****TRANSPORT, STORAGE and SHELF LIFE**

Storage conditions	Store only in the original container. Store the container sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials.
Shelf Life	24 months under good storage conditions

LEGISLATION

Certification	-
CMR	To our knowledge the above material is free of CMR substances, as defined according to Regulation (EC) No 1272/2008 and Cosmetic Regulation (EC) No 1223/2009 as amended. Products supported for Personal Care applications will not be classified as CMR, as defined by (EC) 1272/2008 on the Classification, Labeling and Packaging of Substances and Mixtures, unless supported by a positive SCCS opinion.
Nanomaterials	This product is not considered as a nanomaterial, and doesn't contain nanoparticles as defined by the European commission and as described in EU n°1223/2009 and 2012-232 (ANSES).
Animal testing	This product has not been tested on animals.
GMO	GMO Free
EC no.	200-811-1
CAS no.	74-79-3
Registration no.	01-2119963927-19

DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.