

TECHNICAL DATA SHEET

ALOE VERA GE 1:1 SDJ CO5478

Scope:	For cosmetic use
Regulation:	According to European regulation 1223/2009
Botanical kind:	Asparagaceae Aloe vera (L.) Burm.f. (=Aloe bardadensis Mill.)
Part of the plant:	Leaf gel
Ratio fresh plant / final extract:	1 to 1 (a)
Carrier(s):	Maltodextrin

DESCRIPTION

	Specifications	Methods and references
Appearance	<i>Powder</i>	
Color	<i>White to beige</i>	
Solubility	<i>To be tested following the degree of incorporation</i>	

ANALYSES

	Specifications		Method and reference
	Min	Max	
Loss on drying [%] (11)	-	8.00	MO-183 - Eur. Ph. (01/2008:20817) and (02/2008:20816)
Bulk density	0.30	0.70	MO-181 - Eur. Ph. (04/2019:20934)
pH (1% in demineralized water) (11)	3.0	6.5	MO-03 - pH-meter, Eur. Ph. (07/2016:20203), "Potentiometric determination of pH" monograph
Screening [% < 500 µm]	95.0	-	MO-184 - Granulometer, internal method

CONTAMINANTS

	Specifications		Method and reference
	Min	Max	
Pb content [ppm] (2)	-	< 3.00	AE-01 - ICP, internal method
Cd content [ppm] (2)	-	< 1.00	AE-01 - ICP, internal method
Hg content [ppm] (2)	-	< 0.10	AE-01 - ICP, internal method
Pesticides content [ppm] (2)	< Residual Maximum Limit fixed in European regulation 396/2005 and its modifications		AE-02 - GC-MSMS/LC-MSMS, internal method

TECHNICAL DATA SHEET

ALOE VERA GE 1:1 SDJ CO5478

Benzo(a)pyrene content [ppb] (2)	-	< 10.0	<i>AE-03 - GC-MS-MS, internal method</i>
PAHs (sum of benzo(a)pyrene, benz(a)anthracene, benzo(b)fluoranthene and chrysene) content [ppb] (2)	-	< 50.0	<i>AE-03 - GC-MS-MS, internal method</i>

MICROBIOLOGY	Specifications		Method and reference
	Min	Max	
Total aerobic microbial count [CFU/g]	-	< 10 000	<i>MO-191 - Pétrifilm TM / ISO 4833</i>
Total yeasts/moulds count [CFU/g]	-	< 100	<i>MO-192 - Pétrifilm TM / AOAC 997.02</i>
Salmonella content [/25g]	<i>Absent</i>		<i>MO-193 - TECRA TM / ISO 6579</i>
Enterobacteria content [CFU/g]	-	< 100	<i>MO-194 - Pétrifilm TM ISO 21528-2</i>
Escherichia coli content [CFU/g]	-	< 10	<i>MO-195 - Pétrifilm TM / ISO 16649-2</i>

(11) First ten batches

(2) On request with additional cost

Best before/ 24

DMD (in months) :

Storage conditions: Store in closed original packaging at 5 to 25°C in a dry place and protected from light.

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Complementary data

(a): Variable indicative raw material ratio depending on productions and / or variability of the raw material.
Non contractual data.

*This reference is neither an Active Pharmaceutical Ingredient nor an excipient for pharmaceutical use
Responsibility of final labelling lies with the company placing the final product on the market.*

*-The analysis of substances mentionned in annex II and annex III of European regulation 1223/2009 on
cosmetics products can be realised on request with additionnal cost*

According to Regulation 1999/3/EC, and its modifications, has not been ionized.

*- According to the Regulations 2001/18/EC, 1829/2003 and 1830/2003, and its modifications, the above
mentioned item does not contain deliberately added GMO. (fortuitous or technically inevitable traces
could be detected at less than 0,9%)*

- The product does not contain TSE/BSE substances