

# Technical Data Sheet

**GAQ83251  
MPBIOCURQU**

**ORGANIC TURMIPURE GOLD® - HD**

## Product information

Sensory profile	Turmeric
Color	yellow to orange
Appearance	powder
Source used	1) Soap bark tree (Quillaja saponaria Molina) ; 2) Turmeric (Curcuma longa L.)
Part used	1) Barks ; 2) Rhizomes
Process used	Extraction, Blending, Ball Mill, Spray Drying
Extraction solvent used	1) Water (100%); 2) Ethanol (90-100%) / Water (0-10%)
Purification solvent used	1) None ; 2) Ethanol
Equivalence statement	1 kg of the formula is made from an average of 15.0 kg of dry turmeric rhizomes and 1.05 kg of quillaja bark.

## Parameters for positive release

Analysis	Specification Limits	Method
Appearance	Conform	Visual (CQ-MO-148)
Sensory evaluation	Conform	Sensory (CQ-MO-148)
Curcumin	>= 23,00 %	HPLC (CQ-MO-259)
Identification test	Conform	HPLC (CQ-MO-259)
Bulk density	0,40 - 0,60 g/ml	Graduated cylinder (CQ-MO-257)
Loss on drying	<= 8 %	I.R. balance (CQ-MO-018)
Particles <40 Mesh (400 micron)	>= 90 %	Sieve (CQ-MO-023)
Tapped Density	0,50 - 0,70 g/ml	Tapped Density Tester (CQ-MO-257)
Solubility	Conform	Water dispersible - Visual (CQ-MO-148)
Total Curcuminoids	>= 30,0 %	HPLC (CQ-MO-259)
Total plate count	<= 10.000 /g	ISO 4833-1: 2013
Yeasts and moulds	<= 100 /g	ISO 21527: 2008
E. coli	Negative /g	ISO 7251: 2005
Salmonella	Negative /25g	ISO 6579-1 2017
Staphylococcus Aureus	Negative /g	ISO 6888-3: 2003-2004
Bile-tolerant gram-negative bacteria	<= 100 /g	ISO 21528-2: 2017 without confirmation
Ethanol	<= 5.000,0 mg/kg	GC (CQ-MO-168)

## Parameters not routinely tested

Analysis	Specification Limits	Method
Arsenic	<= 3,00 mg/kg	ICP (CQ-MO-247)
Cadmium	<= 1,00 mg/kg	ICP (CQ-MO-247)
Mercury	<= 0,10 mg/kg	ICP (CQ-MO-247)
Lead	<= 3,00 mg/kg	ICP (CQ-MO-247)
Aflatoxine B1	<= 5 µg/kg	
Conjointly aflatoxine B1,B2,G1,G2	<= 10 µg/kg	
Ochratoxin A	<= 10 µg/kg	

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## Parameters not routinely tested

Analysis	Specification Limits	Method
Pesticide Evaluation	Conform	
Benzo[a]pyrene	<= 10 µg/kg	
PAH 4	<= 50 µg/kg	
Heavy metal	<= 10,00 mg/kg	ICP (CQ-MO-247)
Micro Testing Principles	Limits guaranteed, selected microbiological parameters are monitored.	
Heavy metals	Conform to regulatory requirements.	
<b>Storage and handling</b>		
Shelf life	728 Days	
Storage conditions	Dry, preferably full, hermetically sealed	
Temperature conditions	Ambient / 10-30°C (50-85°F)	
Handling	Protect against light.	

## Miscellaneous Compliance Information

Agency(geography)	Category	Value
European Union	Contaminants Compliance	Complies with European Regulation 834/2007/EC on pesticide residue evaluation.
France	Regulatory Compliance Food	Substance compliant with the provisions of the French Order of September 26, 2016 establishing the list of substances with nutritional or physiological purpose allowed in Food supplements and their conditions of use
France	Regulatory Compliance Food	Botanical preparation compliant with the provisions of Annex II of the French Order of June 24, 2014 establishing the list of plants, other than mushrooms, allowed in Food supplements and their conditions of use

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## Certifications

Certification type	Certified by/Certification N°	Facility
Certified Kosher Parve	OK Kosher Certification	Avignon Cedex 9 (France)
Certified Kosher Parve	OK Kosher Certification	Swadlincote (United Kingdom)
Certified Organic EU (100%)	Bureau Veritas France / GAQ83251 - GAQ84251	Avignon Cedex 9 (France)
Certified Organic EU (100%)	ECOCERT FRANCE / GAQ83251	Argenteuil (France)

The above provides a summary of the certifications relevant to the product. Actual certifications may be sales order related.

## Miscellaneous

Custom Tariff number 2106.90

This document is computer generated and consequently not signed.  
The information contained herein is, to the best of our knowledge, true and accurate.

All information is valid until revisions are issued.

It is the customer's responsibility to ensure that the usage of the product and the levels of such usage is permitted according to the relevant laws and regulations governing the application for which the product is intended.