Stabilimento di Settimo Torinese
Via Schiapparelli, 2
con ingresso da via Solferino 2
10036 Settimo Torinese (TO)

PEC: olon@pec.olonspa.it
Telefono 011.8966.1
Fax Direzione 011.8971355

Olon S.p.A.
Sede Legale
Strada Rivoltana km. 6/7
Rodano (MI)

olon s.p.a.

RESVERATROL Food Grade

Certificate of Analysis

Certificate N° 552/2017

Lot number **17007HSRV2** **EVOLVA**

Manufacturing date : 08/2017

Retest date :07/2018

TEST	RESULTS	M.U.	SPECIFICATION	METHODS
Appearance	Off-white yellowish powder	-	Off-white yellowish powder	RV2.01.01
Colour	20	-	Yellowness Index ≤ 25	RV2.06.05
Assay (anhydrous and solvents free basis)	99.6	%	≥98.0 ≤101.0	RV2.41.01
Water content KF (w/w)	0.1	%	≤ 2	RV2.51.01 (Ph.Eu)
Identity by IR	Conforms	-	IR spectrum must conform	RV2.02.10
Identity by HPLC	Conforms	-	Retention time must conform	RV2.02.12
Related impurities (HPLC) :				RV2.41.01
- Dihydroresveratrol	<0.15 (LOQ)	%	≤ 0.5	
- Pinosylvin	<0.05 (LOD)	%	≤ 0.5	
- Coumaric acid	<0.05 (LOD)	%	≤ 0.5	
- Cinnamic acid	<0.05 (LOD)	%	≤ 0.5	
- Phloretic acid	<0.05 (LOD)	%	≤ 0.1	
- Cis -resveratrol	<0.03 (LOD)	%	≤ 0.1	
Other impurities (HPLC):				RV2.41.01
- Total	<0.05 (LOD)	%	≤ 0.5	
- Single impurity >0.1%	None		None	
Heavy metals				RV2.115.04
Lead	<0.1	ppm	≤ 1	
Cadmium	<0.1	ppm	≤ 1	
Arsenic	< 0.1	ppm	≤ 1.5	
Mercury	< 0.1	ppm	≤ 0.1	
Total	< 10	ppm	≤ 10	RV2.115.02

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Microbiology :				
TAMC	67	CFU/g	≤ 1000	RV2.106.01
TYMC	33	CFU/g	≤ 100	RV2.109.01
E.Coli	Absent/g	CFU/g	Absent/g	RV2.170.01
Coliforms	Absent/g	CFU/g	Absent/g	RV2.173.01
Pseudomonas aeruginosa	Absent/g	CFU/g	Absent/g	RV2.176.01
Salmonella (in 25 g)	Absent/ 25g	CFU/g	Absent/ 25g	RV2.175.01
S.Cerevisiae	No viable cells	CFU/g	No viable cells	RV2.177.01
Particle size			Record data	RV2.63.10
D (10)	5	µm		
D (90)	37	µm		
Residual solvents :				RV2.42.02
Ethanol	789	ppm	≤ 5000	

FOOD GRADE ONLY (spec.RV2-F)

PRODUCED IN SETTIMO TORINESE PLANT

Approve date : 24.08.2017

Print date: 30.08.2017

olon s.p.a.
Stabilimento di Settimo Torinese
QUALIFIED PERSON

Approved by
Albino Bonzano
Qualified Person Olon S.p.A