

Product **SOLANRED® dry extract of Red Eggplant**
Melanzana Rossa Lucana- 1-3% active compounds

Botanical Name *Solanum aethiopicum L.*

CAS Number ---

Product Code SSSLNFA0500500A **Date** 07/04/2022

Origin of raw material Italy (product with Protected Designation of Origin)

Production Site Italy

Extraction Solvent Water

Excipients Maltodextrin

Auxiliary Substances none

Particle size >= 90% - goes through sieve nr.1000 (sieve method Eur.Ph.)

Other information

- Control is made on raw material with following limits:
 - <5ppb aflatoxine B1
 - <10ppb total aflatoxin (sum of B1,B2, G1 and G2)
- Residual pesticides comply to Reg.(EC) No.396/2005 and subs. amendments and updates
- product gluten free and not irradiated
- Product does not contain and it is not manufactured from GMO components (EEC Reg. 1829/2003 and 1830/2003)
- Storage in cool, dark and dry place

The product complies to Reg.(EC) No. 1933/2015

TEST	LIMITS	METHODS
Characters	Light brown-orangish powder	Inspection
Identification	Positive	TLC
Tapped Density	about 0.5 g/ml	
Content	>=0.5% amino acids of which proline, valine, alanine, aspartic acid	external lab method
	>=1.0% micronutrients of which potassium, manganese,calcium, phosphorus, magnesium	external lab method
	>=0.5% tot. polyphenols	spectrophotometric method
Drug extract ratio (DER)	20:1 (from fresh fruit)	
Loss on drying	<= 5.0%	105° C - 3 hours
Residual Solvents	---	---
Heavy Metals	<= 10 ppm (Pb <3 ppm; Cd <1 ppm; Hg <0.1 ppm)	Atomic absorption
Antimicrobial Preservatives	Absent	
Microbial contamination		
Aerobic microorganism *	<= 10000 c.f.u./g	as per Eur.Ph
Moulds-Yeasts *	<= 100 c.f.u./g	as per Eur.Ph
Enterobacteriaceae	<= 100 c.f.u./g	as per Eur.Ph
E.Coli (1 g)	Absent	
Salmonella (25g)	Absent	

* all indicated limits have to be interpreted as 5X according to Eur.Ph