

Milano,

**ESTRATTO GLICOLICO DI LIQUIRIZIA**  
**LICORICE GLYCOLIC EXTRACT**

Rev. 1.00.06 del 20/06/2017

Codice prodotto: E.GL.65

lotto n. / batch n.

Nome INCI: GLICYRRHIZA GLABRA ROOT EXTRACT (1 – 5%)  
PROPYLENE GLYCOL (95 – 99%)  
CAS: 84775-66-6, 57-55-6  
EINECS / ELINCS: 283-895-2, 2003380  
DROGA / Drug: RADICE / Root

Data di produzione: Usare preferibilmente entro 36 mesi.  
Manufacturing date: Use best before 36 months.

| Specification                                                                               | Method         | Standard                                                                                                | Analysis |
|---------------------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------------------|----------|
| ASPETTO<br><i>Appearance</i>                                                                | (visivo)       | LIQUIDO LIMPIDO<br><i>clear liquid</i>                                                                  |          |
| ODORE / Odor                                                                                | (olfattivo)    | CARATTERISTICO/ <i>characteristic</i>                                                                   |          |
| CONTENUTO IN GLICOLE PROPILENICO %<br><i>Content of propylene glycol %</i>                  |                | > 95                                                                                                    |          |
| ACIDO GLICIRIZZICO mg/Kg<br><i>Glycyrrhizic acid mg/Kg</i>                                  | (HPLC)         | min. 1000                                                                                               |          |
| DENSITA' A 20°C<br><i>Specific gravity at 20°C</i>                                          | (bil. idrost.) | 1.025 - 1.055                                                                                           |          |
| pH (@ SOL. ACQ. 10%)<br><i>pH (10% @ water solu.)</i>                                       |                | 4.0 - 6.2                                                                                               |          |
| RESIDUO SECCO A 180°C PER 30 MIN. % p/p<br><i>Dry residue at 180°C for 30 minutes % p/p</i> |                | 0.2 - 0.8                                                                                               |          |
| CARICA BATTERICA TOTALE ufc/g<br><i>Total bacterial count ufc/g</i>                         |                | <100                                                                                                    |          |
| LIEVITI E MUFFE ufc/g<br><i>Yeasts and Moulds ufc/g</i>                                     |                | <10                                                                                                     |          |
| PATOGENI<br><i>Pathogens</i>                                                                |                | ASSENTI<br><i>Absent</i>                                                                                |          |
| PESTICIDI (Organoclorurati & Organofosforici)<br><i>Pesticides</i>                          |                | CONFORME AI LIMITI INDICATI NELLA<br>CORRENTE FARM. EUR / <i>According to<br/>limits on PHARM. EUR.</i> |          |
| METALLI PESANTI / <i>Heavy metals</i> (A. A.)<br>(Pb, Cd, Cr, Hg, As)                       |                | CONFORME AI LIMITI INDICATI NELLA<br>PH. EUR / <i>According to limits on PH. EUR..</i>                  |          |

The above data represent the result of our quality assessment

They do not free purchaser from his own quality check nor do they confirm that product has certain properties or is suitable for a specific application. Print out by electronic system, therefore no signature.

Signed By: Dr. Fracucello

title: Quality Assurance Manager

Materie prime per cosmetica - profumeria - alimentari