

## LABORATORIO ANALISI

Milano, 9 giugno 2020

D-PANTENOLO 75%

*D-PANTHENOL 75%*

Rev. 1.00.03 del 19/03/2015

Codice prodotto: D-PAN.4

lotto n. / batch n. 5589/20

Nome INCI: PANTHENOL (74 - 76%)  
AQUA (24 - 26%)

CAS. 81-13-0  
EINECS / ELINCS: 2013273

Data di produzione: giugno 2020 Usare preferibilmente entro 36 mesi.  
*Manufacturing date: June 2020 Use best before 36 months.*

| Specification                                                      | Method    | Standard                                                                                           | Analysis |
|--------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------|----------|
| ASPETTO<br><i>Appearance</i>                                       | (visivo)  | LIQUIDO VISCOSO LIMPIDO<br>INCOLORE E INODORE<br><i>clear colourless, viscous odourless liquid</i> | pass     |
| RESIDUO SECCO % (p/p)<br><i>Dry residue % (w/w)</i>                |           | 75.0 - 77.5                                                                                        | 77.0     |
| INDICE DI RIFRAZIONE A 20°C<br><i>Refractive index at 20°C</i>     | (NGD C31) | 1.450 - 1.462                                                                                      | 1.456    |
| ROTAZIONE OTTICA (s/s)<br><i>Optical rotation (on dried basis)</i> |           | + 29.5° / + 32.0°                                                                                  | +29.22°  |
| AMMINOPROPANOLO % p/p<br><i>Aminopropanol % w/w</i>                |           | max. 1.0                                                                                           | 0.5      |

*Pass = conforme / complies**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. Fratucello

title: Quality Assurance Manager