



A. & A. Fratelli Parodi s.p.a.

www.fratelliparodi.it 

Rev.01

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TECHNICAL DATA SHEET

| | |
|-----------------------|--|
| TRADE NAME | PARYOL 325 VN/R |
| CHEMICAL NAME | REFINED GRAPESEED OIL |
| INCI NAME (UE) | VITIS VINIFERA SEED OIL |
| INCI NAME (US) | VITIS VINIFERA (GRAPE) SEED OIL |
| CAS NUMBER | 84929-27-1 / 8024-22-4 |
| EINECS NUMBER | 284-511-6 |

| | U.M. | Test methods | Range |
|-------------------------|------------------------|---------------------|---------------|
| Physical status at 25C° | | Visual | Liquid |
| Acid value | mgKOH/g | AOCS Cd3d-63 | ≤ 0.5 |
| Iodine value | gI ₂ /100 | AOCS Tg2a-64 | 130 – 145 |
| Saponification value | mgKOH/g | AOCS Cd3-25 | 185 – 200 |
| Peroxide value* | meq O ₂ /Kg | AOCS Cd8-53 | ≤ 2 |
| Colour | | Visual | Yellow/green |
| Unsaponifiable matter | % | AOCS Ca6b-53 | ≤ 2 |
| Density at 20C° | g/cc | ASTM D1298-85 | 0.920 – 0.930 |
| Cloud point | °C | AOCS Cc6-25 | ≤ -10 |
| Pour point | °C | ASTM D97-87 | ≤ -15 |
| Refractive index | | AOCS Tp1a-64 | 1.465-1.475 |

*Guaranteed at drumming

Fatty acids composition %(GLC):

| | | |
|----------------------|-------|-------------|
| Lauric acid | C12:0 | ≤ 0.2 |
| Myristic acid | C14:0 | ≤ 0.2 |
| Palmitic acid | C16:0 | 6.0 – 9.0 |
| Palmitoleic acid | C16:1 | ≤ 1.0 |
| Margaric acid | C17:0 | ≤ 0.1 |
| Margaroleic acid | C17:1 | ≤ 0.1 |
| Stearic acid | C18:0 | 3.0 – 6.0 |
| Oleic acid | C18:1 | 12.0 – 25.0 |
| Linoleic acid | C18:2 | 60.0 – 75.0 |
| Alpha-Linolenic acid | C18:3 | ≤ 1.5 |
| Arachidic acid | C20:0 | ≤ 0.5 |
| Eicosenoic acid | C20:1 | ≤ 0.5 |
| Behenic acid | C22:0 | ≤ 0.3 |
| Erucic acid | C22:1 | Tr. |

Shelf life: 12 months minimum in cool conditions in unopened container

Note: the reported shelf life is referred to the product stored at room temperature, possibly in the original packaging and away from direct sunlight and heat sources. A&A Fratelli Parodi Spa shall not be held liable for a shelf life reduction (e.g. for unexpected increase in peroxides content) if the above conditions are not respected.

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