



NHR ORGANIC OILS
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Certificate of Analysis Sheet **Organic Vegetable Glycerine**

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| PRODUCT NAME: GLYCERINE, PALM FREE, 99.5%, REFINED ORGANIC |
| BATCH NUMBER: 150925-5 |
| PRODUCT INCI: GLYCERIN (DERIVED FROM RAPESEED) & AQUA |
| CAS NUMBER: 56-81-5 & 7732-18-5 |
| EINECS NUMBER: 200-289-5 & 231-791-2 |
| MANUFACTURING METHOD: REFINED |

| ANALYTICAL DETAILS | RANGE % | RESULTS |
|--------------------------------------|----------------|----------------|
| APPEARANCE | VISCOUS LIQUID | COMPLIES |
| ODOUR | ODOURLESS | COMPLIES |
| COLOUR | CLEAR | COMPLIES |
| SPECIFIC GRAVITY @ 20°C | 1.200 – 1.300 | 1.2606 |
| REFRACTIVE INDEX @ 20°C | 1.470 – 1.475 | 1.473 |
| ACID VALUE | <2.0 | 0.0 |
| PEROXIDE VALUE (%) | <5.0 | 0.0 |
| GLYCEROL CONTENT (%) | >99.5 | 99.82 |
| SULPHATED ASH (%) | <0.001 | CONFORMS |
| CHLORIDES (%) | <0.001 | CONFORMS |
| ESTER (ML 0.1N HCl) | 0.1 MAX | CONFORMS |
| HEAVY METALS (%) | <0.0005 | CONFORMS |
| ALDEHYDES, REDUCING SUBSTANCES (PPM) | <10.0 | CONFORMS |
| MOISTURE | <0.5 | 0.17 |
| DIETHYLENE GLYCOL (%) | 0.01 MAX | CONFORMS |
| ETHYLENE GLYCOL (%) | 0.01 MAX | CONFORMS |
| HYDROXYL VALUE | 160> | CONFORMS |

*The attached information is considered to be correct at the time the client received this information.
Please be aware that detail can change and we encourage clients to update their records with NHR Organic Oils regularly.
The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations.*