

Procter & Gamble

International Operations SA
c/o PROCTER & GAMBLE CHEMICALS

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CERTIFICATE OF ANALYSIS

| | | | |
|----------------------------|--|--------------------------|---------------|
| PRODUCT: | GLYCERINE Kosher Passover (10275368, 10270097) | DELIVERY DATE: | 05/06/2011 |
| CUSTOMER: | BRENNTAG UK | P&G ORDER NO: | 7907108033 |
| CUSTOMER REF: | | LOADED WEIGHT: | 22500 kg |
| CUSTOMER PO NUMBER: | 3703697 | VEHICLE NUMBER: | TCKU 384353-0 |
| BATCH No: | 10990388-GA-IBC - 18 Totes | SPEC NO: | 1015 |
| MANUFACTURING DATE: | 09/04/2011 | | |

| PARAMETER | SPECIFICATION | RESULT |
|--|-----------------------------------|--------|
| 60044625 APPEARANCE | Free from visible foreign matter | Pass |
| 60064681 COLOR (APHA) | 10 max | 3 |
| 64012970 GLYCEROL CONTENT (%) | 99.7 min | 99.7 |
| 60065183 ASSAY (%) | 98.0 - 101.0 | 99.5 |
| 60065175 REFRACTIVE INDEX (nD20) | 1.470 - 1.475 | 1.474 |
| 60065177 IDENTIFICATION (test B) | IR, Passes E.P* test limit | Pass |
| 60065134 ACIDITY or ALCALINITY (ml of 0.1M NaOH) | Passes E.P* test limit (0.2 max) | 0.0 |
| 95327474 ALDEHYDES (ppm) | Passes E.P* test limit (10 max) | Pass |
| 60065134 ESTERS (ml of 0.1M HCl) | Passes E.P* test limit (8.0 min) | 9.8 |
| 95410923 HALOGENATED COMPOUNDS (ppm) | Passes E.P* test limit (35 max) | Pass |
| 95341517 SUGARS | Passes E.P* test limit | Pass |
| 60065128 CHLORIDE (ppm) | Passes E.P* test limit (10 max) | Pass |
| 60065174 HEAVY METALS (ppm) | Passes E.P* test limit (1.0 max) | Pass |
| 60065135 WATER (%) | 0.3 max | 0.1 |
| 95395280 SULPHATED ASH (%) | Passes E.P* test limit (0.01 max) | 0.0 |
| 95076103 IMPURITY A AND RELATED SUBSTANCES | Passes E.P* test limit | Pass |

*This material has been analysed and conforms to the latest requirements of British and European Pharmacopeia Monograph

Guy Young

For & on behalf of Procter & Gamble
International Operations S.A.

03/06/2011

Date

Customer is responsible to verify the lot and code numbers of product received with the numbers contained on this report and perform any other analyses necessary to determine suitability of the product described above. The foregoing statements are valid up to, but not beyond, delivery to our primary customer. Any subsequent handling, repackaging, storage, processing, etc. render these claims void and unsubstantiated by Procter & Gamble.