



Specification

| Concerning Product: | |
|---|--|
| Article number | 56815CPE99 |
| Trade name / designation / denomination | Glycerin 99%, pflanzlich, EP |
| CAS number | 56-81-5 |
| Other names / synonyms | â€¢Glycerine; â€¢glycerol; â€¢propane-1,2,3-triol; |
| EC number | 200-289-5 |
| Customs tariff number / CN code / TARIC | 29054500 |
| Molecular weight [g / mol] | 92.09382 |
| Formula | C ₃ H ₈ O ₃ |

| Parameter | Specification | Unit |
|-----------------------------|-----------------------------------|---------------|
| Organoleptic test | | |
| Appearance of solution | complies | |
| Appearance | Clear, colourless, viscous liquid | |
| Physical parameter | | |
| Acidity/Alkalinity | ≤ 0,2 | ml 0,1 M NaOH |
| Refraction index | 1,470 â€” 1,475 | |
| Loss on drying | ≤ 2,0 | % |
| Relative density | 1,258 â€” 1,268 | |
| Identity | | |
| Assay | 98,0 â€” 101,0 | % |
| Identification | A, B, C complies | |
| Impurities | | |
| Aldehydes | ≤ 10 | ppm |
| Halogenated compounds | ≤ 35 | ppm |
| Heavy Metals (as Pb) | ≤ 5 | ppm |
| Sulphated ash | ≤ 0,01 | % |
| Sulphated ash | (APHA) ≤ 5 | Hazen |
| Impurity | A: (Diethylenglykol) | % |
| Impurity | with RT > Glycerol (sum) ≤ 0,1 | % |
| Elemental Impurities | | |
| Chlorides (Cl) | ≤ 10 | ppm |
| Nutritional data | | |
| Sugar | complies | |
| Sugar | entspricht | |

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 06. Jul. 2021

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