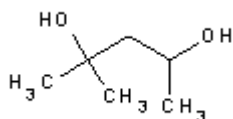
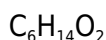
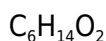


**PRODUCT CODE: 141348****2-Methyl-2,4-Pentandiol (USP-NF) pure, pharma grade**



M.= 118,18

CAS [107-41-5]

EINECS 203-489-0

TARIC 2905 39 95 90

SYNONYMS: Hexylene glycol**PHYSICAL DATA:** liquid, Clear, Colourless, Miscible with water • D 20/4 0,923 • M.P.: -50 °C • B.P.: 196 °C • n₂₀/D : 1,427 • Flash P.:93 °C • Ign. T.:260 °C • Vap. press. (28 °C) 0,07 hPa • Expl. limit4,7 %(V)99 %(V) •**BIBLIOGRAPHY:** Merck Index **12**, 4.748 13, 4.730 Sax **DMX600** • Safety **2**, **2204 B** • Kühn-Birett **H 7** • Beilstein **1**, **486 I**, **252 II**, **552 III**, **2206 IV**, **2565** • BRN 1098298 • Fieser **1693** • USP -**NF 36** •**HAZARDOUS:** C.E: 603-053-00-3 • RTECS: SA 0810000 • LD50 oral rbt 3.200 mg/kg • LD50 oral mus 3.097 mg/kg • LD50 oral rat 3.700 mg/kg • TC L0 man 50ppm • LD50 skn rbt 8.560 mg/kg • LD50 ipr mus 1.299 mg/kg VLA-EC 25 ppm123 mg/m3

H: H319 • H315 •

P: P264 • P280 • P302+P352 • P305+P351+P338 • P321 • P501 • P332+P313 • P337+P313 • P362 •

WEIGHT/VOLUME INFORMATION: 1l~0,920 kg 1kg~1,087 l**SPECIFICATIONS:**

Minimum assay (G.C.)	99%
Identity :	
Identity according to Pharmacopoeias:	passes test
Density at 25/25	0,917-0,923
Refractive Index n ₂₅ /D	1,424-1,430

Maximum limit of impurities

Acidity(as CH ₃ COOH)	0,013%
Residual solvents (Ph.Eur/USP)	passes test
Water (H ₂ O)	0,5 %

Elemental impurities (ICH Q3D):

Class 1

Cd	0,5 ppm
Pb	0,5 ppm
As	1,5 ppm
Hg	1,5 ppm

Class 2A

Co	5 ppm
V	10 ppm
Ni	20 ppm

Class 2B

Tl	0,8 ppm
Au	10 ppm
Pd	10 ppm
Ir	10 ppm
Os	10 ppm
Rh	10 ppm
Ru	10 ppm
Se	15 ppm
Ag	15 ppm
Pt	10 ppm

Class 3

Li	55 ppm
Sb	120 ppm
Ba	140 ppm
Mo	25 ppm
Cu	250 ppm
Sn	600 ppm
Cr	25 ppm