

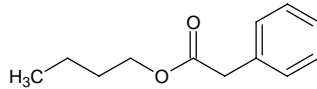
butyl phenylacetate

ブチル フェニルアセテート

Formula C₁₂H₁₆O₂

Mol. Wt. 192.25

CAS No. 122-43-0



SEQ No. 305 エステル類

FEMA No. 2209

JECFA No. 1012

	JFFMA	JECFA	FCC
Chemical name	butyl phenylacetate	Butyl phenylacetate	Butyl Phenylacetate
Content (NLT)	98.0 % (GC)	98 %	98.0 % GC(M-1a)
Refractive index	1.487-1.493 (n _{20D})	1.486-1.493 (n _{20D})	1.488-1.492 (n _{20D})
Specific gravity	0.992-0.998 (d _{20/20})	0.990-0.997 (d _{25/25})	0.990-0.997 (d _{25/25})
Acid value (NMT)	1.0	1.0	1.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 mL in 1 mL 95% ethanol	1 mL in 1 mL 95% alc ethanol
Other requirements			
Identification*	IR : 1,2,5 MS : 4,5 NMR :	IR	IR

*References

- 1: Joint FAO/WHO Expert Committee on Food Additive (JECFA)
- 2: Food Chemicals Codex (FCC)
- 3: 有機化合物のスペクトルデータベース SDBS(独立行政法人産業技術総合研究所)
- 4: Wiley's Registry of Mass spectral Database
- 5: NIST/EPA/NIH Mass Spectral Library
- 6: Sigma-Aldrich