

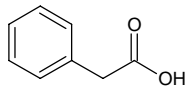
phenylacetic acid

フェニルアセチック アシド

Formula C₈H₈O₂

Mol. Wt. 136.15

CAS No. 103-82-2



SEQ No. 2152 脂肪酸類

FEMA No. 2878

JECFA No. 1007

	JFFMA	JECFA	FCC
Chemical name	phenylacetic acid	Phenylacetic acid	Phenylacetic Acid
Content (NLT)	98.0 % (Chem)	99 %	99.0 % Chem(M-3b)
Refractive index			
Specific gravity			
Acid value (NMT)			
Melting/Congeeing point	MP: 74 to 78°C	MP: 76 to 78°C	MP: 76 to 78°C
Angular/Specific rotation			
Heavy metals (NMT)			Lead : 10mg/kg
Solubility in ethanol		Soluble at room temperature	
Other requirements			
Identification*	IR :1,2 MS :4,5 NMR :3,6	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