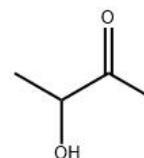


Technical Data Sheet

Acetoin

Compound Information

Product Name:	Acetoin
CAS No.:	513-86-0
Molecular Formula:	C ₄ H ₈ O ₂
Molecular Weight:	88.11
Storage:	Store at 2 -8 °C
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Appearance	Colorless to pale yellow liquid
Odor	Intensely creamy-fatty-buttery, penetrating odor, yet milder and less "quinone"-like than Diacetyl, not as sharp or volatile. Pleasant in extreme dilution.
Boiling Point	148 °C(lit.)
Flash Point	51 °C
Specific Gravity	0.990 -1.140 at 25 °C
Refractive Index	<i>n</i> ₂₀ /D 1.417(lit.)
Purity by GC	≥ 96%
Specification Reference	Natural, FG, Kosher
MS	Pass test
¹H NMR	Pass test
¹³C NMR	Pass test
IR	Pass test
Raman	Pass test

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.