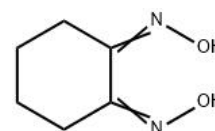


Technical Data Sheet

1,2-CYCLOHEXANEDIONE DIOXIME

Compound Information

Product Name:	1,2-CYCLOHEXANEDIONE DIOXIME
CAS No.:	492-99-9
Molecular Formula:	C ₆ H ₁₀ N ₂ O ₂
Molecular Weight:	142.16
Storage:	Store at 2 -8 °C
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Form	White crystalline material. Melting point 184-189°C.
Color	White to Yellow to Orange
Solubility	0.8% in water, readily soluble in alcohol, diethyl ether and acetone.
Melting Point	188-190 °C (dec.)
Purity	≥ 98%
Carbon Content	47.8 - 53.0%
Nitrogen Content	18.8 - 20.6%
MS	Pass test
1H 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.