Technical Data Sheet

Ascorbic Acid

Compound Information

Product Name: Ascorbic Acid

CAS No.: 50-81-7

Molecular Formula: C6H8O6

Molecular Weight: 176.12

Storage: Store at 0 -8 °C

Revision Date: 2026-04-15

Analytical Information

Tests	Specifications
Appearance	colorless solid
Odor	Odorless
Melting Point	190-194 °C (dec.)
Flash Point	> 93 °C
Mould and Yeast	≤ 100 cfu/g
Specific Rotation	[a]20D= 20.5 -21.5 °
LOD	≤ 0.1%
E. Coli, Salmonella, S.Aureus	Negative
Microbial Count	To pass test
Residue On Ignition	≤ 0.1%
Specification Reference	FG
MS	Pass test
^{1}H NMR	Pass test
^{13}C NMR	Pass test
ESR	Pass test
IR	Pass test
Raman	Pass test

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