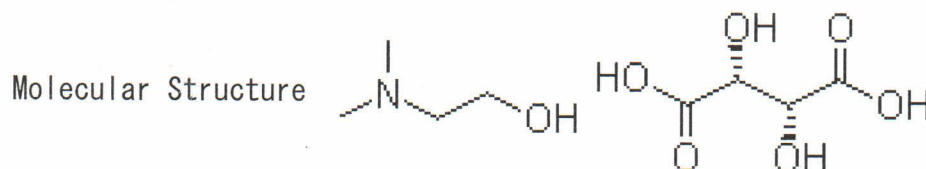


Batch no 20250719
Mf date Jul 19 2025
Expiry Jul 18 2027



Molecular Formula $C_4H_{11}NO \cdot C_4H_6O_6$
Molecular Weight 239.22
CAS Registry Number 5988-51-2

Jul 28 2025

Tests	Specifications	Results
Appearance	White crystalline powder	Conforms
Condition of water solution	Meets the requirements	Conforms
Lead (Pb)	$\leq 0.001\%$	$< 0.001\%$
Cadmium (Cd)	$\leq 0.0001\%$	$< 0.0001\%$
Arsenic (As)	$\leq 0.0001\%$	$< 0.0001\%$
Mercury (Hg)	$\leq 0.0001\%$	$< 0.0001\%$
pH	3.2 ~ 3.8	3.5
Loss on drying	$\leq 0.5\%$	0.35%
Specific rotation	+17.5 ~ +18.5°	+17.8°
Melting range	110 ~ 120°C	114°C
Microbiology	Total plate count ≤ 3000 cfu/gr	< 3000 cfu/gr
	Yeast & Mould ≤ 100 cfu/gr	< 100 cfu/gr
	E. Coli Negative	Negative
	Salmonella Negative	Negative
	Coliform Negative	Negative
Dimethyl amino ethanol	36.9 ~ 37.68%	37.1%
Assay	$\geq 99\%$	99.13%

Packaging & storage	Store in tight containers, protected from light
Conclusion	Material complies with in-house standard