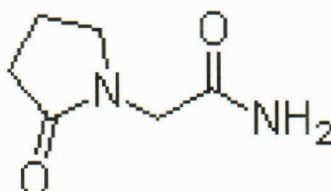




Batch no 202608091
Mf date Aug 14 2026
Expiry Aug 13 2029

Molecular Structure



Molecular Formula $C_6H_{10}N_2O_2$
Molecular Weight 142.16
CAS Registry Number 7491-74-9

Sep 14 2026

Tests	Specifications	Results
Appearance	White or almost white powder, shows polymorphism	White powder
Solubility	Freely soluble in water, soluble in ethanol (96%)	Conforms
Identification	IR	Positive
Clarity & color of the solution	Should be clear and colorless	Conforms
Loss on drying	$\leq 1.0 \%$	0.24%
Residue on ignition	$\leq 0.1\%$	0.03%
Heavy metals	$\leq 10 \text{ ppm}$	Conforms
Related substance	Impurity A	$\leq 0.1\%$
	Impurity B	$\leq 0.1\%$
	Impurity C	$\leq 0.1\%$
	Impurity D	$\leq 0.1\%$
	Single impurity	$\leq 0.1\%$
	Total impurities	$\leq 0.3\%$
OVI	Isopropanol	$\leq 2000 \text{ ppm}$
	Methanol	$\leq 1500 \text{ ppm}$
	Toluene	$\leq 890 \text{ ppm}$
Assay (odb)	98.0 ~ 102.0% of $C_6H_{10}N_2O_2$	99.5%

Packaging & storage	Preserve in well-closed containers, store protected from light
Conclusion	Material complies with EP11.0

