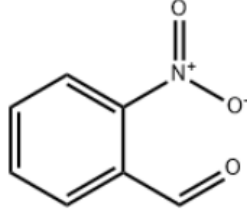


CERTIFICATE OF ANALYSIS

Product and Batch Information		
Product Name: 2-Nitrobenzaldehyde		
CAS NO.: 552-89-6		
Molecular Formula: C ₇ H ₅ NO ₃		
Molecular Weight: 151.12		
Batch No.: 20250901		
Material No.: LXJBJQ	Quantity: 500kg	Package: 25kg/drum
Manufacture Date: 2025.09.01	Analysis Date: 2025.09.11	Retest date: 2026.08.31

Analysis	Specification	Result
Appearance	Off-white to light yellow a white powder-like crystal	light yellow needle-like crystals
Purity	≥99.0%	99.72%
Water Content	≤0.5 %	0.25%
Impurities	2-Nitrotoluene ≤0.1%	ND
	2-Nitrobenzyl alcohol ≤1.0%	ND
	3-Nitrobenzyl alcohol ≤0.2 %	ND
	4-Nitrobenzyl alcohol ≤0.2 %	ND
	2-Nitrobenzyl bromophenylacetate ≤0.2 %	ND
	2-Nitrobenzoic acid ≤0.2 %	ND
	Other max single impurity ≤0.5 %	0.12%
	Total impurities ≤1.0 %	0.28%
	Residue on ignition ≤0.5%	0.08%
Melting point	42 °C-44 °C	42.5 °C-43.7 °C
Conclusion	The batch complies with the specification.	
Storage	Keep in a dark place sealed in a dry area, and store at room temperature	

Inspector: 李桃英

Approval: 汪军红

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