



Certificate of Analysis

品名：邻硝基苯甲醛
Product: 2-Nitrobenzaldehyde
批号：
Batch:
CAS 号:552-89-6
CAS NO:552-89-6

生产日期：2024.11.01
Manufacturing Date: 2024.11.01
复验日期：2025.10.31
RetestDate:2025.10.31

包装规格：25.0kg/桶
Package: 25.0kg/Drum
批量：350.0kg
Quantity:350.0kg

测试项目 Item	内部标准 In-House Specification	结果 Result
性状 trait	本品为淡黄色结晶性粉末。 This product is a pale yellow crystalline powder.	符合规定 Conforms
鉴别 Identification;	本品的红外光吸收图谱应与对照品的图谱一致。 The infrared absorption spectrum of this product should be consistent with the spectrum of the reference product.	符合规定 Conforms
熔点 Melting point	41~45℃	42.1~43.2℃
水分 Water content	≤0.3% Not more than 0.3%	0.12%
炽灼残渣 Incandescent residue	≤0.1% Not more than 0.1%	0.06%
有关物质 Relevant substances	邻硝基苄醇≤0.3% o-Nitrobenzyl alcohol: Not more than 0.3%	ND
	间硝基苯甲醛≤0.1% 3-Nitrobenzaldehyde : Not more than 0.1%	ND
	对硝基苯甲醛≤0.1% 4-Nitrobenzaldehyde: Not more than 0.1%	ND
	最大单一杂质：≤0.20% Maximum single impurity: Not more than 0.20%	0.08%
	总杂：≤1.0% Total impurities: Not more than 1.0%	0.16%
纯度 Purity	≥99.0% Not less than 99.0%	99.84%
结论 Conclusion	合格 Qualified	

