

NANJING SUNNY PHARMATECH CO., LTD.

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Certificate of Analysis

Product Name	3,4-dihydroxy-5-nitro benzaldehyde	Quantity	1000KG
Manufacture Date	2024/04/02	Expire Date	2026/04/01
Batch Number	20240402	Issue Date	2024/04/02

Item	Specification	Result
Appearance	yellow to yellow green crystalline powder	Complies
Identification by IR	Test IR spectrum should be concordant with reference spectrum	Complies
Water	$\leq 0.5\%$	0.12%
Melting range	146°C-149°C	146.2°C-147.5°C
Heavy Metal	$\leq 20\text{ppm}$	Complies
Residue on ignition	$\leq 0.1\%$	0.07%
Assay(anhydrous)	98.0%-102%	99.51%
Purity	$\geq 99.0\%$	99.6%

SURVEYOR: LIYONG**CHIEF INSPECTOR: LIHONG**