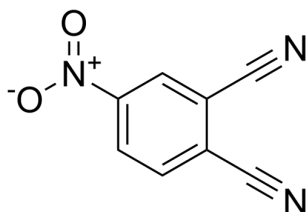


Certificate of Analysis

Compound Information

Product Name:	4-Nitrophthalonitrile
Cat. No.:	1029331
CAS No.:	31643-49-9
Molecular Formula:	C ₈ H ₃ N ₃ O ₂
Molecular Weight:	173.13
Chemical Structure:	



Batch Information

Batch No.:	Le072892160
Storage:	Storage temp. 2-8°C
Test Date:	2021-07-30
Retest Date:	2024-07-29
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹ H NMR Spectrum:	Consistent with structure
Purity (HPLC):	99.99%
Water(KF):	0.083%
Residue on Ignition:	0.01%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725

E-mail: product@leyan.com

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai