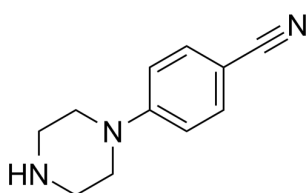


Certificate of Analysis

Compound Information

Product Name:	4-(Piperazin-1-yl)benzonitrile
Cat. No.:	1065925
CAS No.:	68104-63-2
Molecular Formula:	C ₁₁ H ₁₃ N ₃
Molecular Weight:	187.24
Chemical Structure:	



Batch Information

Batch No.:	Le1015103411
Storage:	Storage temp. 2-8°C
Mfg. Date:	2021-10-18
Retest Date:	2024-10-17
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (HPLC):	94.15%
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