

Certificate of Analysis

Product Name:

2-Chlorobenzonitrile PurCert Secondary Working Standard for GC
[Includes all characterization data]

Product No.: PSR41493
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 873-32-5
Molecular Formula: C₇H₄CIN
Molecular Weight: 137.57 g/mol
Date of Mfg.: NA
Date of Exp.: NA

| Test | Specification | Result |
|--------------------------------------|-------------------------------|------------------------|
| Appearance | Off-White Solid | Off-White Solid |
| Assay (GC-FID) | ≥ 99.5 % | 99.96 % |
| Water (By KF) | NMT 0.2000 % | 0.1105 % |
| Potency | - | 99.84 % |
| Density | 1.16 – 1.20 g/cm ³ | 1.18 g/cm ³ |
| Identification by ¹ H NMR | Conforms to Structure | Conforms |
| Identification by Mass | Conforms to Molecular mass | Conforms |
| Identification by IR | Conforms to Structure | Conforms |

***Traceable to Internal Reference standard.**

Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications
The current Specification sheet may be available at www.pure-synth.com
Inspect on receipt

Storage Condition:

Store at room temperature and keep the container tightly closed

PureSynth Research Chemicals GmbH

This is electronically-generated copy & is valid without a signature

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.
For queries on this COA, please contact our technical team at technical@pure-synth.com