

Certificate of Analysis

Product Name:

Ethylbenzene PurCert Secondary Reference Standard for GC (CRM)
[Includes all characterization data]

Product No.: PSR37342
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 100-41-4
Molecular Formula: C₈H₁₀
Molecular Weight: 106.17 g/mol
Date of Mfg.: NA
Date of Exp.: NA

| Test | Specification | Result |
|--------------------------------------|-------------------------------|-------------------------|
| Appearance | Colorless Liquid | Colorless Liquid |
| Assay (By GC-FID) | ≥ 99.0 % | 99.99 % |
| Water (By KF) | NMT 0.1 % | 0.055 % |
| Potency | - | 99.93 % |
| Density | 0.865-0.869 g/cm ³ | 0.867 g/cm ³ |
| Identification by ¹ H NMR | Conforms to structure | Conforms |
| Identification by GC-MS | Conforms to molecular mass | Conforms |
| Identification by IR | Conforms to structure | Conforms |

***Traceable to USP Reference Standard 1265457, Lot No: R142F0.**

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