

Certificate of Analysis

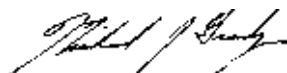
Product Name:

Acetonitrile - anhydrous, 99.8%

Product Number: 271004
Batch Number: SHBM7015
 Brand: SIAL
 CAS Number: 75-05-8
 MDL Number: MFCD00001878
 Formula: C₂H₃N
 Formula Weight: 41.05 g/mol
 Quality Release Date: 29 SEP 2020

CH₃CN

| Test | Specification | Result |
|---|-----------------------|------------|
| Appearance (Color) | Colorless | Colorless |
| Appearance (Form) | Liquid | Liquid |
| Infrared Spectrum | Conforms to Structure | Conforms |
| Purity (GC) | ≥ 99.75 % | 99.99 % |
| Residue on Evaporation | ≤ 0.0005 % | < 0.0001 % |
| Water (by Karl Fischer) | ≤ 0.001 % | 0.001 % |
| Note | ----- | ----- |
| For 100 mL unit size, water content may exceed above specification; not to exceed 0.005%. | | |



Michael Grady, Manager
 Quality Control
 Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

