REAGENTS
DUKSAN

Certificate of Analysis

# Methyl Alcohol 99.9% for gradient

[67-56-1] (CH3OH) FW:32.04

**Product code. 4293** **HPLC Grade**

| TESTS | UNIT | SPECIFICATION |
|---|---|---|
| UV Absorbance 220 nm | - | Max. 0.25 |
| UV Absorbance 230 nm | - | Max. 0.15 |
| UV Absorbance 254 nm | - | Max. 0.02 |
| UV Absorbance 280 nm | - | Max. 0.01 |
| UV Cutoff | nm | Max. 205 |
| Gradient Elution test | - | - |
| - Largest eluted peak(254nm) | mAU | Max. 2 |
| Fluroescence Trace Impurities | - | - |
| - at 450nm Emission | ppb | Max. 0.3 |
| - at Emission Maximum for impurities | ppb | Max. 0.5 |
| Assay (by GC) | % | Min. 99.9 |
| Color (APHA) | - | Max. 10 |
| Water | % | Max. 0.05 |
| Residue after evaporation | ppm | Max. 1 |
| Titrable Acid | mEq/g | Max. 0.0003 |
| Titrable Base | mEq/g | Max. 0.0002 |
| Carbonyl Compound | % | Max. 0.001 |
| (each of Acetone, Formaldehyde and Acetaldehyde) | - | - |
| Substances darkened by sulfuric acid | - | To pass test |
| Substances reducing Permanganate | - | To pass test |
| Solubility in Water | - | To pass test |
| Filtered by 0.2um filter | - | - |

**Test Method :** ACS 11th Edition

**Exp. Date :** 3 years after Mfg. Date

**DUKSAN PURE CHEMICALS CO. LTD**

Ansan | 53, Sinwon-ro 133beon-gil, Danwon-gu, Ansan-si, Gyeonggi-do, Korea
JinCheon | 13-37, Sansusandan 1-ro, Deoksan-eup, Jincheon-gun, Chungcheongbuk-do, Korea
TEL : +82-31-495-6886 FAX : +82-31-495-5335
World Wide Web : WWW.DUKSAN.KR

Quality Assurance Director