

| METHANOL NF GRADE | | | |
|---|--------------|------------------------|---|
| Test | Units | Method | Specification |
| Specific Gravity in Air, at 20/20 C | | Calculation | 0.7928 max. |
| Methyl Alcohol Content, v/v% | | Calculation | 99.85 min. |
| Water Content, v/v% | | Karl Fischer Titration | 0.10 max. |
| IDENTIFICATION - Infrared Absorption | | Current USP NF | Conforms to standard |
| Acidity | | Current USP NF | NMT 0.45mL of 0.02N sodium hydroxide is required to produce a pink colour |
| Alkalinity as Ammonia | | Current USP NF | NMT 0.20mL of 0.020N sulfuric acid is required to produce a pink colour |
| Acetone and Aldehydes, w/v% | | Current USP NF | 0.003 max. |
| Nonvolatile Residue, w/w% | | Current USP NF | 0.001 max. |
| Readily Carbonizable Substances | | Current USP NF | No discolouration develops |
| Readily Oxidizable Substances | | Current USP NF | Pink colour remains |
| Comment: Methanol conforms with all current US Pharmacopoeia (USP) and National Formulary (NF) standards. | | Reference Number: | 4.10-40 |
| | | Approved by: | S.S. |
| | | Effective Date: | 07/Dec/2018 |
| | | Revision Number: | 13 |