

Certificate of Analysis for 3-Methyl-2-Nitrobenzoic Acid



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(HPLC)

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Test method (Area Normalization) CAS RN:5437-38-7

| | | | |
|-------------------------------|----------------------|-----------------------|---|
| Type:HPLC(SHIMADZULC-10A) | Wavelength:225nm | Flow rate: 1.0ml/min | Mobile phase: methanol /water:60/40 0.5vol H ₃ PO ₄ |
| Sample concentration:0.1mg/ml | Detector:Ultraviolet | Methanol:99%HPLCgrade | Column:ShimpackODS-C18 4.6mmI.D.×150mm |

| LOT. NO | Appearance | Assay | Water | Melting Point | Ash | 6-Nitro-3-Toluic acid | 4-Nitro-3-Toluic acid | Quantity |
|------------|------------------------------|--------|-------|---------------|-------|-----------------------|-----------------------|----------|
| | White-or-pale yellow crystal | 99.00% | 0.50% | 219~223℃ | 0.10% | 0.50% | 1.0% | kg |
| 220618 | Pale yellow crystal | 99.16 | 0.15 | 219.8 | 0.02 | 0.01 | 0.48 | 3000 |

Conclusion:up to standard

Analyst:Guochun

Approval: Zhuohaixia

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