

Vetindia Pharmaceuticals Limited
A-6/1, Electronic Complex, Kushaiguda, Hyderabad-62

QUALITY CONTROL DEPARTMENT
CERTIFICATE OF ANALYSIS
WORKING STANDARD ANALYSIS REPORT

Mfg.lic.No:52/HD/AP/95/F/R

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|--|-----------------------------|--------------------|
| Name of the Material: MENADIONE | Material Code: 171 | W.S.No: VWS/171/15 |
| Batch No: Working Standard | Mfg.Date: 05/2015 | Exp.Date: 05/2020 |
| Name of the Manufacturer: Polybond Pharmaceuticals | | |
| Condition: Good | Quantity Received: 50 g | |
| Date of Analysis: 30/12/2015 | Date of Report: 30/12/2015 | |
| Inward No:065 | A.R.NO: VWSR/065/15 | |
| Ref STP No: VIPL/QC/RM/171/A | Ref SOP No: VIPL/QC/GEN/017 | |

| S.NO | TEST | SPECIFICATION | RESULT |
|------|--------------------|--|---|
| 1. | Description | A pale yellow, crystalline powder | Pale yellow, crystalline powder |
| 2. | Solubility | Practically insoluble in water, freely soluble in toluene, sparingly soluble in alcohol and in methanol. It is unstable in light | Complies |
| 3. | Identification | A.Melting point: 105°C to 108°C B.Bluish-violet colour disappears D.A red colour develops | 106°C Bluish-violet colour disappears Red colour develops |
| 4. | Releted substances | Thin-layer chromatograph | Complies |
| 5. | Loss on drying | Not more than 0.5% | 0.38% |
| 6. | Sulphated ash | Not less than 0.1% | 0.053% |
| 7. | Assay | NLT 98.5% and NMT101.0% | 99.4% |

REMARKS: THE MATERIAL COMPLIES WITH **BP2011** SPECIFICATIONS IN THE ABOVE RESPECTS.

K. Latha
 ANALYSED BY
 Latha
 30/12/2015

G. Prasad
 CHECKED BY
 Prasad
 30/12/2015

