

## PRODUCT IDENTITY

|                 |                                    |                |                                                                                        |
|-----------------|------------------------------------|----------------|----------------------------------------------------------------------------------------|
| PRODUCT NAME    | Phosphomolybdic acid hydrate       | PRODUCT NUMBER | P432815                                                                                |
| Grades & Purity | PrimorTrace™, ≥99.99% metals basis | VERSION        | 3                                                                                      |
| CAS NUMBER      | 51429-74-4                         | FORMULA        | H <sub>3</sub> [P(Mo <sub>3</sub> O <sub>10</sub> ) <sub>4</sub> ] · xH <sub>2</sub> O |
| FORMULA WEIGHT  | 1825.25 (anhydrous basis)g/mol     |                |                                                                                        |

## ACCEPTANCE CRITERIA

| PARAMETER                                       | SPECIFICATION / LIMIT |
|-------------------------------------------------|-----------------------|
| Appearance(P432815)                             | Yellow Crystals       |
| Calcium(Ca)                                     | 0-0.02 (%)            |
| Chloride (Cl-)                                  | 0-0.02 (%)            |
| Iron(Fe)                                        | 0-0.005 (%)           |
| Heavy Metals (as Lead)                          | 0-0.005(%)            |
| Ammonium (NH <sub>4</sub> )                     | 0-0.01 (%)            |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> )         | 0-0.025 (%)           |
| ICP:Confirms Mo and P Components                | Confirmed             |
| Trace Metal Analysis                            | 0-100 (ppm)           |
| Purity(Based on Trace Metals Impurities of ICP) | 99.99-100 (%)         |

| PARAMETER         | SPECIFICATION / LIMIT |
|-------------------|-----------------------|
| X-Ray Diffraction | Conforms to Structure |