

## Appendix A – Specification of the Product

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| Composition                                   | Specs           | Analysis Method |
|-----------------------------------------------|-----------------|-----------------|
| 1,3 Butadiene Purity                          | 99.0 wt % min   | ASTM D2593      |
| Peroxide ( as H <sub>2</sub> O <sub>2</sub> ) | 10 wt ppm max   | ASTM D5799      |
| Sulphur ( as H <sub>2</sub> S)                | 10 wt ppm max   | ASTM D5453      |
| Non volatile Matter                           | 0.1 wt% max     | ASTM D1025      |
| Total Acetylene                               | 500 wt ppm max  | ASTM D2593      |
| Propadiene                                    | 200 wt ppm max  | ASTM D2593      |
| Carbonyl ( CH <sub>3</sub> CHO)               | 100 wt ppm max  | ASTM D4423      |
| TBC ( Tertiary Butyl Catechol)                | 50 - 150 wt ppm | ASTM D1157      |
| Butadiene Dimer                               | 700 wt ppm      | ASTM D2426      |