

## Forum Chemical Technical Specification Sheet

### Linear Alkyl Benzene

| Property                               | Test Method     | Specifications |
|----------------------------------------|-----------------|----------------|
| Carbon Distribution, wt% <LAB10        | UOP 698         | 1 MAX          |
| LAB 10                                 | UOP 673         | 5-16           |
| LAB 11                                 |                 | 30-40          |
| LAB 12                                 |                 | 25-40          |
| LAB 13                                 |                 | 10-25          |
| LAB 14                                 |                 | 1 MAX          |
| Linear Alkyl Benzene, wt %             | UOP 673         | 92 min         |
| Total Normal Paraffin, wt%             | UOP 915         | 0.4 max        |
| 2-phenyl Alkanes, wt%                  | UOP 673         | 35 max         |
| Average Molecular Weight               | UOP 673         | 236-245        |
| Density at 15.6° C, gr/cm <sup>3</sup> | ASTM 4052       | 0.855-0.870    |
| Bromine Index, mg Br/100gr of Sample   | ASTM D-1492     | 10max          |
| Moisture, ppm                          | UOP 481         | 200max         |
| Saybolt Color                          | ASTM D-156      | +30min         |
| Tetralins, wt%                         | ECOSOL, UOP-929 | 1.0 Max        |
| Sulfonatability, wt%                   | UOP 429         | 98min          |
| Doctor test                            | ASTM D-4952     | Negative       |
| Acid Wash color, T%                    | EM 07203        | 15 min         |
| Refractive Index                       | ASTM D-1218     | 1.480-1.490    |
| Flash Point °C                         | ASTM D-93       | 140 min        |