SALES SPECIFICATIONS

Sales Specification No : DRAFT Effective Date : 12/31/2099

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PRODUCT NAME

Di-p-toluenesulfonamide

| SPECIFICATIONS | | |
|---------------------------|-----------------|-------------|
| PROPERTY | LIMITS | TEST METHOD |
| Volatile Matter, % | 1.0 MAX | |
| White to Off-White Powder | PASS | |
| рН | 2.0 MAX | |
| Infrared Identity | Match Reference | |
| Melting Point (DSC), C | 170 - 172 | |
| Assay (NMR), % | 95.0 MIN | |
| Iron (as Fe), ug/g | 10 MAX | |
| Aluminum, ug/g | 10 MAX | |
| Arsenic, ug/g | 10 MAX | |
| Calcium, ug/g | 10 MAX | |
| Cobalt, ug/g | 10 MAX | |
| Chromium, ug/g | 10 MAX | |
| Potassium, ug/g | 2000 MAX | |
| Magnesium, ug/g | 10 MAX | |
| Nickel, ug/g | 10 MAX | |
| Lead, ug/g | 10 MAX | |
| Tin, ug/g | 10 MAX | |
| Zinc, ug/g | 10 MAX | |

 $\textbf{Eastman Chemical Company} \cdot \textbf{P.O. BOX 511} \cdot \textbf{Kingsport}, \textbf{Tennesee 37662 USA} \cdot \textbf{1-800-EASTMAN} \cdot \textbf{1-423-229-2000} \cdot \textbf{www.EASTMAN}. \textbf{company} \cdot \textbf{Com$

For reasons of safety and accuracy, the person performing this procedure must be thoroughly trained and under the supervision of a professional person who is knowledgeable in the relevant science. Equipment and materials described should be used in accordance with safety precautions recommended by their manufacturers. Limits in this specification are applicable only to data obtained by the referenced test method.

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