

Quantum Drugs & Chemicals

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CERTIFICATE OF ANALYSIS

Product: **Para Toluene Sulphonyl Urea**

Mfg. Month :

Batch No:

Retest Month :

Qty :

| S. No | Test | Standard Limits |
|-------|---|--|
| 1. | Description | White crystalline Powder |
| 2. | Solubility | Practically insoluble in Water, Slightly Soluble in Acetone and Alcohol, soluble in dilute alkali hydroxide. |
| 3. | Melting Range | 189°C to 192°C |
| 4 | Loss on drying at 100°C to 105°C (w/w) | Not more than 0.5% |
| 5. | Related substances by TLC by HPLC | PTSA 0.8 % Maximum PTSA 0.8 % Maximum |
| 6. | Sulphated Ash (w/w) | Not more than 0.1 % |
| 7. | Assay by Titration(On dry basis) Assay by HPLC | 99.0 to 101.0% Not less than 99.0% |

REMARKS: THE ABOVE PRODUCT CONFORMS TO SPECIFICATIONS OF PARA TOLUENE SULPHONYL UREA.

| | <i>Prepared by:</i> | <i>Reviewed by:</i> | <i>Approved by:</i> |
|---------------------|---------------------|---------------------|---------------------|
| <i>Name:</i> | | | |
| <i>Designation:</i> | | | |
| <i>Signature:</i> | | | |
| <i>Date:</i> | | | |

Manufacturing Site: C-21, Sipcot Industrial Complex, Manamadurai – 630 606. India. Phone No.: ++91-452-2568349

