

BIO-CHEM CHEMICALS

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CERTIFICATE OF ANALYSIS

| Product Name | P-TOLUENESULPHONIC ACID MONOHYDRATE 99% AR | |
|------------------|---|--|
| Cas No. | 6192-52-5 | |
| Code No. | B-02729 | |
| Batch No. | BC12240723 | |
| Mfg.Date | DEC-2024 | |
| Date of Analysis | 12/01/2024 | |
| Retest Date | JAN-2030 | |

| TEST | SPECIFICATION | RESULT |
|----------------------|--|----------------------------|
| Appearance | White to pink crystalline flakes or powder | Pink crystalline powder |
| Assay (alkalimetric) | Min 98.5% | 98.83% |
| Water (by KF) | 9 - 13% | 10.05% |
| Sulphated ash | Max 0.1% | 0.075% |
| Sulphate (SO4) | Max 0.3% | Less than 0.3% |
| Iron (Fe) | Max 0.01% | Less than 0.01% |
| Heavy metal (as Pb) | Max 0.001% | Less than 0.001% |

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

This is an electronically generated certificate and is valid without a signature.