



Specification

1.09613.0000 Toluene-4-sulfonic acid monohydrate for analysis EMSURE® ACS

Specification

| | | |
|---|-------------|---|
| Assay (acidimetric, calc. on anhydrous substance) | ≥ 99.0 | % |
| Identity | passes test | |
| Appearance of solution | conforms | |
| Sulfate (SO ₄) | ≤ 0.3 | % |
| Heavy metals (as Pb) | ≤ 0.001 | % |
| Fe (Iron) | ≤ 0.01 | % |
| Na (Sodium) | ≤ 0.002 | % |
| TLC-Test | passes test | |
| Sulfated ash | ≤ 0.1 | % |
| Water (according to Karl Fischer) | 9.5 - 11.5 | % |

Julian Hofmann
Responsible laboratory manager quality control

This document has been produced electronically and is valid without a signature.