

Version: 1.0, Date:2020-07-10
Replaces: -

Dextran Sulphate 10



CAS Number: 9011-18-1

Manufacturing site: pK Chemicals A/S, Københavnsvej 140, 4600 Køge

Dextran Sulphate is a polyanionic derivative of Dextran. It is supplied as a white, sodium salt powder, stabilized by a small amount of phosphate.

Specification

| Test/Characteristic | Limit | Test Method |
|---------------------------|-----------------------|-------------|
| Appearance | Comparable to ref. | EP |
| Turbidity | ≤ 5.0 NTU | EP |
| Identification, IR | Complies | EP |
| Molecular weight, Dalton | 9000-20000 | EP |
| Sulphur content | 16.0-19.0 % S | Internal |
| Specific optical rotation | +90° to +105° | EP |
| Absorbance | To be noted | EP and USP |
| Loss on drying | ≤ 7 % | EP and USP |
| pH | 5.5-8.0 (1 % w/v sol) | EP |
| Free Sulphate | ≤ 2 % | Internal |
| Heavy metals | To be noted | USP |
| TYMC | ≤ 100 Cfu/g | Internal |
| TAMC | ≤ 100 Cfu/g | Internal |

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