

ANALYTICAL SPECIFICATION

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Blue dextran 500
Catalogue No. BD500

Description: Blue dextran 500 is prepared from dextran with an average molecular weight of approximately 500000 Dalton by reacting with Cibacron blue F3GA. It is supplied as a blue powder, soluble in water.

CAS No. 87915-38-6

| TEST/CHARACTERISTIC | LIMITS | TEST METHOD |
|--------------------------------------|-----------------------|-------------|
| Appearance, colour | Blue to dark blue | 02037 |
| Appearance, form | Powder | 02037 |
| Weight average molecular weight (Mw) | Made from Dextran 500 | 02030 |
| Free Cibacron blue | Pass | 02007 |
| Degree of substitution (mmol/g) | 0.01-0.08 | 02004 |
| Loss on drying | ≤ 10% | 02018 |
