

Specification

Technical Data Sheet

Product Name	Methyl Red sodium salt (C ₁₅ H ₁₄ N ₃ O ₂ ·Na)
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Product No	12768222
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CAS Number	845-10-3
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Storage Temperature	Ambient
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Molecular Weight	291.28
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Specification

Appearance	Orange to red coloured powder
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Loss on Drying	≤ 5% (at 110°C)
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Absorption maximum (pH 4.5) λ_{1max}	523 - 526 nm
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Absorption maximum (pH 6.2) λ_{2max}	430 - 434 nm
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Absorptivity maximum (A_{1%}/1cm at pH4.5, at λ_{1max})	1200 - 1300
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PH transition interval	Pink- Yellow (4.5 - 6.2)
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