

# Specification

## Technical Data Sheet

<b>Product Name</b>	Xylenecyanol FF (C.I. 42135)
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<b>Product No</b>	27558266
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<b>CAS Number</b>	2650-17-1
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<b>Storage Temperature</b>	Ambient
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<b>Molecular Weight</b>	538.61
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### Specification

<b>Appearance</b>	Green powder
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<b>Loss on Drying</b>	≤10%
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<b>Assay</b>	≥75.0%
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<b>Extinction Coefficient</b>	$E(615\text{nm} \pm 3\text{nm}) = 65,000 \text{ min}$
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<b>Solubility</b>	Clear dark blue solution
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<b>Spectrophotometric assay</b>	at $615\text{nm} \pm 3\text{nm} = 0.604$
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<b>Suitability</b>	Suitable as a tracking dye for DNA testing
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