

# Specification

## Technical Data Sheet

<b>Product Name</b>	Alkali Blue 6B (C.I. 42750)
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<b>Product No</b>	15115825
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<b>CAS Number</b>	1324-80-7
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<b>Storage Temperature</b>	Ambient
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<b>Molecular Weight</b>	635.71
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### Specification

<b>Appearance</b>	Brownish black powder
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<b>Absorptivity 1%/ 1cm, (MeOH + 1ml 1N HCL) at <math>\lambda</math> max. 594.6 nm</b>	$\geq 900$
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<b>Assay (Spectrophotometry)</b>	$\geq 50\%$
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<b>Loss on Drying (110(C for 60 min.)</b>	$< 6\%$
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<b>Solubility at 0.1% in water</b>	Dark blue solution
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<b>Visual Transition Interval</b>	From pH 9.4 (blue) to pH 14.0 (red)
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