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## Aniline blue water soluble, Hi-Cert<sup>TM</sup>

**GRM901**

### Product Identifier

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CAS No.	:	28983-56-4
EC No.	:	249-352-9
C.I. No.	:	42780
Molecular Formula	:	C <sub>37</sub> H <sub>27</sub> N <sub>3</sub> Na <sub>2</sub> O <sub>9</sub> S <sub>3</sub>
Molecular Weight	:	799.80
Synonym	:	China blue water soluble, Hi-Cert <sup>TM</sup> ; Cotton blue water soluble, Hi-Cert <sup>TM</sup> ; Methyl blue water soluble
HS Code	:	3212 90 90
Storage	:	Below 30°C
Shelf life	:	4 years


### Technical Specification

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Appearance	:	Red to dark blue to dark brown crystals or powder
Solubility	:	10 ppm solution in water yields clear solution
Visual pH Transition	:	pH 10.00 (blue) to pH 13.00 (orange)
Absorption maxima	:	590 - 610 nm (10 ppm in water)
Specific absorbance	:	>= 400 (10 ppm in water)
Loss on drying (at 110°C, 1 hr)	:	<= 7.00%

### Safety Information

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Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H302- H315- H319- H335
Precautionary Statement(s)	:	P261- P305+P351+P338
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	DB5044700
WGK	:	3