

**Product Name:** Metanil Yellow  
**Catalog Number:** A17527.30

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**CAS Number:** 587-98-4  
**IUPAC Name:** sodium 3-{2-[4-(phenylamino)phenyl]diazen-1-yl}benzene-1-sulfonate  
**Molecular Formula:** C<sub>18</sub>H<sub>14</sub>N<sub>3</sub>NaO<sub>3</sub>S  
**Molecular Weight:** 375.38  
**InChI Key:** NYGZLYXAPMMJTE-UHFFFAOYSA-M  
**SMILES:** [Na+].[O-]S(=O)(=O)C1=CC=CC(=C1)N=NC1=CC=C(NC2=CC=CC=C2)C=C1  
**Synonym:** colouring agent CI 13065

### Product Specification

**Appearance (Color):** Yellow to orange  
**Form:** Powder  
**Specific Absorbance (E 1%/1cm):** ≥300 at lambda max (non-U.S. sourced material)  
**Comment:** Material sourced in the U.S. and in other countries  
**lambda-max (UV-Vis):** 431-438nm (water, non-U.S. sourced material); 410-420 nm (methanol, U.S. sourced material)  
**Loss on Drying:** ≤10.0%

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**Date Of Print:** 01/20/2026

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*