

## ACCEPTABLE MICHIGAN TRACER DYE LIST

The following tracer dye active ingredients have been reviewed by the Michigan Department of Environmental Quality (DEQ) Surface Water Assessment Section (SWAS) for aquatic toxicity concerns and are approved for use in Michigan surface waters only with authorization by the DEQ through the Rule 97 certification process (see <http://www.michigan.gov/deq>) and according to manufactures' label instructions and at or below the concentrations indicated.

<b>ACTIVE INGREDIENT</b>			<b>CONCENTRATION</b>
<b>NAME</b>	<b>CAS NUMBER</b>	<b>ALTERNATE NAME(S)</b>	<b>LIMIT (FAV)</b>
Blue AZO Liquid	3844-45-9	Acid Sky Blue A Blue 1206 Blue Dye Cl Acid Blue 9	12 mg/L
Eosine Y	17372-87-1	Acid Red 87 Eosine Eosine G Eosine Sodium Eosine YB Eosine YS	7 mg/L
Fluorescein	2321-07-4 518-47-8	Cl Acid Yellow 73 Fluorescein LT Fluorescent LT Fluoro Green 1234 Sodium Fluorescein Uranine	30 mg/L
Lissamine Yellow FF	2391-30-2	Brilliant Acid Yellow 8G Brilliant Sulphoflavine FF Cl Acid Yellow 7	200 mg/L
Rhodamine WT	37299-86-8	Acid Red 388 FWT Red 200 FWT Red 25* FWT Red 50 KeyAcid Rhodamine WT Liquid*	13 mg/L

\* may contain trimellitic acid and have a CAS# of 528-44-9. This is an approved ingredient.