



301 East Alton Ave.  
Santa Ana, CA 92707  
Phone: 657-600-8005  
E-mail: [lraj@azuredef.com](mailto:lraj@azuredef.com)

**CERTIFICATE OF ANALYSIS**  
Diesel Exhaust Fluid per ISO 22241

Parameter(s)	ISO Method	Analysis	Results	Units
Urea Content	22241-2 Annex C	Calculation	<b>40.10</b>	wt%
Refractive Index @ 20deg C	22241-2 Annex C	Refractometer	<b>1.3826</b>	N <sub>D</sub> <sup>20</sup>
Alkalinity as NH <sub>3</sub>	22241-2 Annex D	Wet Chem	<b>0.15</b>	%
Biuret	22241-2 Annex E	Wet Chem	<b>0.16</b>	%
Aldehyde	22241-2 Annex F	Spectrophotometer	<b>&lt;1.0</b>	mg/kg
Insolubles	22241-2 Annex G	Gravimetric	<b>&lt;2.0</b>	mg/kg
Phosphate	22241-2 Annex I	ICP/OES	<b>&lt;0.25</b>	mg/kg
Calcium	22241-2 Annex I	ICP/OES	<b>0.42</b>	mg/kg
Iron	22241-2 Annex I	ICP/OES	<b>&lt;0.05</b>	mg/kg
Copper	22241-2 Annex I	ICP/OES	<b>0.19</b>	mg/kg
Zinc	22241-2 Annex I	ICP/OES	<b>0.02</b>	mg/kg
Chromium	22241-2 Annex I	ICP/OES	<b>0.08</b>	mg/kg
Nickel	22241-2 Annex I	ICP/OES	<b>0.02</b>	mg/kg
Aluminum	22241-2 Annex I	ICP/OES	<b>&lt;0.05</b>	mg/kg
Magnesium	22241-2 Annex I	ICP/OES	<b>&lt;0.05</b>	mg/kg
Sodium	22241-2 Annex I	ICP/OES	<b>&lt;0.05</b>	mg/kg
Potassium	22241-2 Annex I	ICP/OES	<b>&lt;0.05</b>	mg/kg