

Please note that the certificates of analysis are also conveniently available on your BASF online portal.

OOO BASF

14/3 Kadashevskaya nab

119017 MOSCOW

Russian Fed.

Certificate of Analysis according to DIN 55350-18-4.1.2

1,2-PROPYLENE GLYCOL USP

220KG Plastic drums  
Purchase Order/Customer Product#

Page 1 of 4

Material

Order

Delivery

Lot

Lot/Qty

Total

Transport

52705412

17600.000 KG

17600.000 KG

Test Parameter	Requirements	UoM	Results
Appearance	clear and colorless liquid		conforms
Identification (IR)	must conform		conforms
Purity (CGC)	Min.: 99.8	g/100g	>99.9
Relative density d(20/20)	Min.: 1.035 Max.: 1.040		1.038
Relative Density d(25/25)	Min.: 1.035 Max.: 1.037		1.036
Refractive Index n(20/D)	Min.: 1.431 Max.: 1.433		1.433
Water (Karl Fischer-Titration)	Max.: 0.2	g/100g	<0.1
Sulfated Ash / Residue on ignition	Max.: 70	mg/kg	<10
Chloride	Max.: 70	mg/kg	<1
Sulfate	Max.: 60	mg/kg	<1
Arsenic *	must conform (max.2mg/kg)		conforms

The aforementioned data shall constitute the agreed contractual quality of the product at the time of passing of risk. The data are controlled at regular intervals as part of our quality assurance program. Neither these data nor the properties of product specimens shall imply any legally binding guarantee of certain properties or of fitness for a specific purpose. No liability of ours can be derived therefrom.

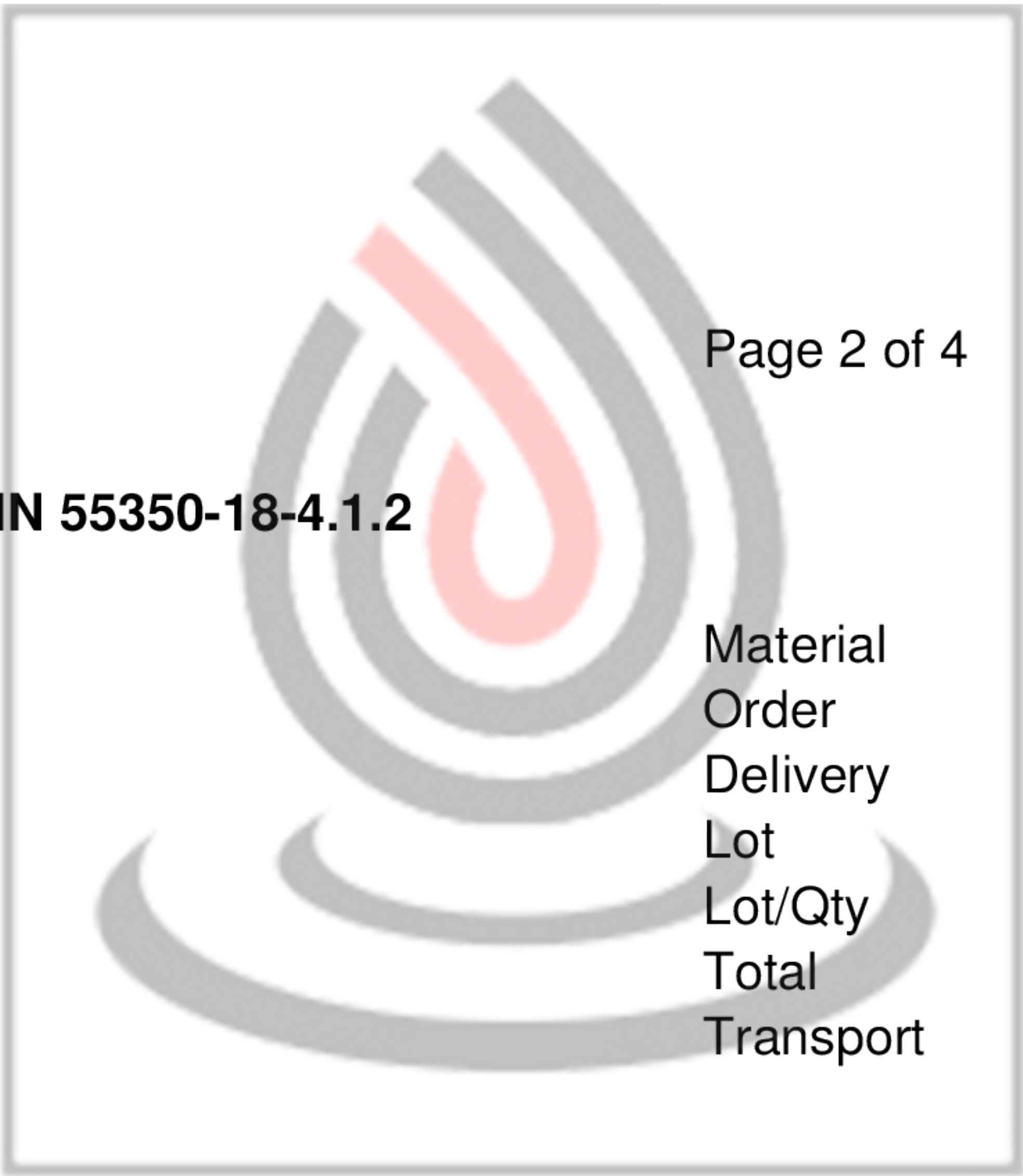


Please note that the certificates of analysis are also conveniently available on your BASF online portal.

OOO BASF  
14/3 Kadashevskaya nab  
119017 MOSCOW  
Russian Fed.

Certificate of Analysis according to DIN 55350-18-4.1.2

1,2-PROPYLENE GLYCOL USP  
220KG Plastic drums  
Purchase Order/Customer Product#



Page 2 of 4

Material Order Delivery Lot Lot/Qty Total Transport

52705412  
  
  
  
17600.000 KG  
17600.000 KG

Test Parameter	Requirements	UoM	Results
Lead *	must conform (max.1mg/kg)		conforms
Heavy metals *	must conform (max.5mg/kg)		conforms
Dimers and Polymers (CGC)	Max.: 0.1	g/100g	<0.1
1,3-Propanediol (CGC)	Max.: 100	mg/kg	<50
Organic chlorine compounds as Cl	Max.: 1	mg/kg	<1
Acidity	must conform (max. 0.019 mg KOH/ml)		conforms
Oxidizing substances	must conform		conforms
Reducing substances	must conform		conforms
Residual solvents **	must comply with the requirements of PhEur 5.4, USP <467> and ICH Q3C		conforms
Colour (Hazen)	Max.: 10		<5
Identification: Ethylene glycol *	must conform		conforms

The aforementioned data shall constitute the agreed contractual quality of the product at the time of passing of risk. The data are controlled at regular intervals as part of our quality assurance program. Neither these data nor the properties of product specimens shall imply any legally binding guarantee of certain properties or of fitness for a specific purpose. No liability of ours can be derived therefrom.



Please note that the certificates of analysis are also conveniently available on your BASF online portal.

OOO BASF

14/3 Kadashevskaya nab

119017 MOSCOW

Russian Fed.

Certificate of Analysis according to DIN 55350-18-4.1.2

1,2-PROPYLENE GLYCOL USP

220KG Plastic drums  
Purchase Order/Customer Product#



Material  
Order  
Delivery  
Lot  
Lot/Qty  
Total  
Transport

52705412  
  
  
  
17600.000 KG  
17600.000 KG

Test Parameter	Requirements	UoM	Results
Identification: Diethylene glycol *	must conform		conforms
<div>* Test is verified on random samples only.</div> <div>**Not tested, since no organic solvents are likely to be present.</div> <div>The product meets the specifications of following monographs:</div> <div>"Propylene Glycol" of USP41/NF36,</div> <div>"Propylenglycole" of European Pharmacopoeia 9th edition</div> <div>Manufacturer: BASF SE</div> <div>Carl-Bosch-Str.38</div> <div>67056 Ludwigshafen</div> <div>Germany</div> <div>QC-Reference-No.</div> <div>19C03030</div> <div>Production date</div> <div>(YYYY-MM-DD) 2019-03-05</div> <div>Release date</div> <div>(YYYY-MM-DD) 2019-03-08</div> <div>Best before</div> <div>(YYYY-MM-DD) 2020-03-04</div>			

The aforementioned data shall constitute the agreed contractual quality of the product at the time of passing of risk. The data are controlled at regular intervals as part of our quality assurance program. Neither these data nor the properties of product specimens shall imply any legally binding guarantee of certain properties or of fitness for a specific purpose. No liability of ours can be derived therefrom.



Please note that the certificates of analysis are also conveniently available on your BASF online portal.

OOO BASF

14/3 Kadashevskaya nab

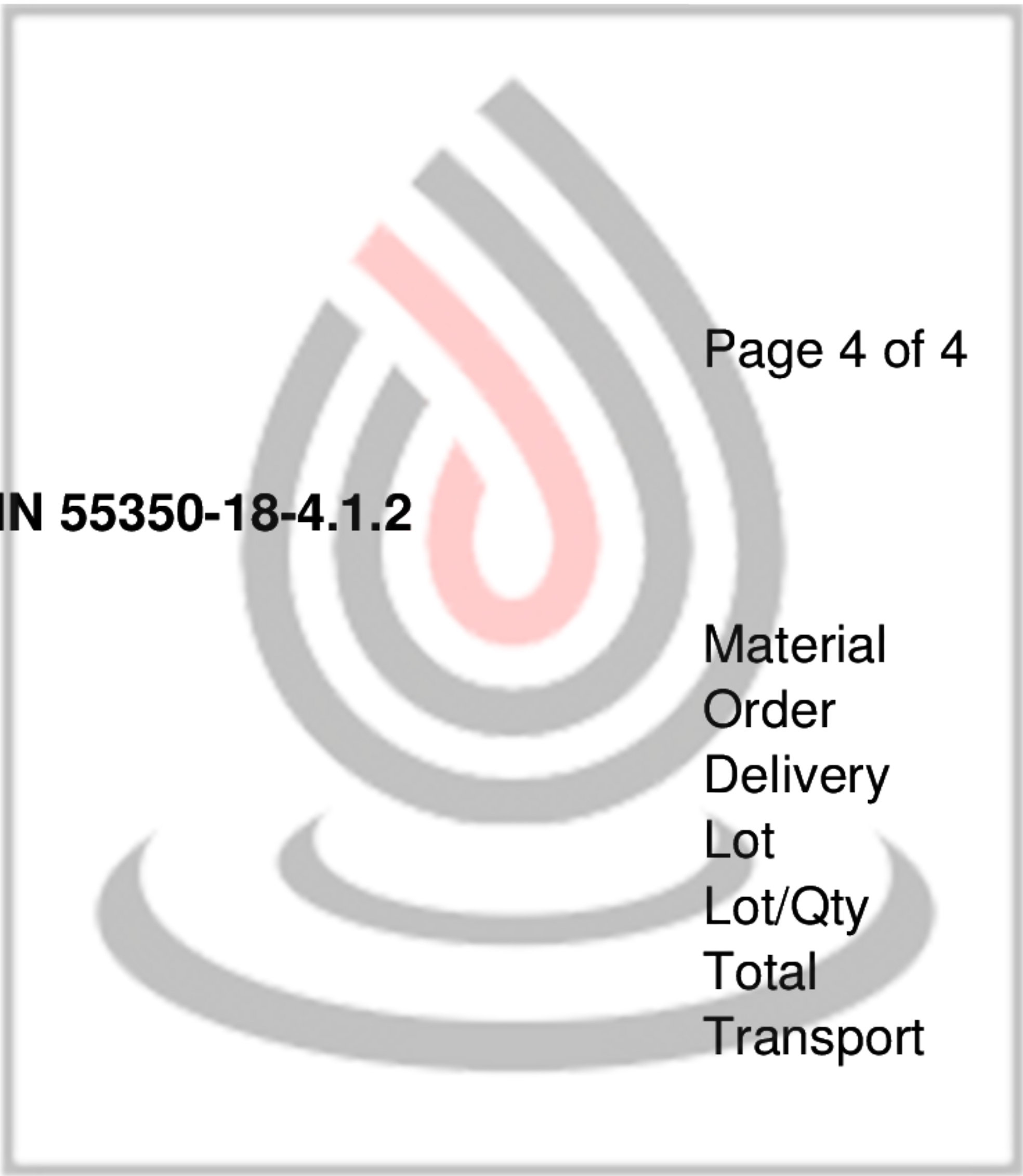
119017 MOSCOW

Russian Fed.

Certificate of Analysis according to DIN 55350-18-4.1.2

1,2-PROPYLENE GLYCOL USP

220KG Plastic drums  
Purchase Order/Customer Product#



Page 4 of 4

Material	52705412
Order	
Delivery	
Lot	
Lot/Qty	17600.000 KG
Total	17600.000 KG
Transport	

BASF SE  
Quality Assurance - Release  
sig. Hr. König  
QA-Representative



Производство и продажа химии

+7 (495) 783-91-69

+7 (495) 142-63-25

akrihim@mail.ru

akrihimfarm@mail.ru

The aforementioned data shall constitute the agreed contractual quality of the product at the time of passing of risk. The data are controlled at regular intervals as part of our quality assurance program. Neither these data nor the properties of product specimens shall imply any legally binding guarantee of certain properties or of fitness for a specific purpose. No liability of ours can be derived therefrom.