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		Companies' approach
1	Background and purpose of accounting	 To contribute to achievement of a sustainable global environment through setting the medium and long term goal to reduce environmental burdens, implementing reduction measures, and achieving the goal of the Paris Agreement. To get a full picture of the emissions throughout the supply chain of our group companies to facilitate consideration of measures.
2	Utilization of accounting results	 We utilize the results to set the emissions reduction target of the supply chain of our group companies. We utilize the results to promote collaborative commitment with our suppliers. We utilize the results for CSR report and information disclosure through various questionnaires.
3	Benefits of accounting	 'Visualization' of values of each category enables disclosure of more accurate information as well as consideration of effective measures.
4	Internal system for accounting	 Data are collected from departments of accounting, procurement/distribution, general affaires, human resources, etc. of our group companies, and accounted for in the environment department of the corporate.

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		Companies' approach		
5	Efforts to reduce supply chain emissions	• We pursue our commitment to category 1 as the primary target of reduction because it accounts for 80% of Scope 3. (measures are to be considered)		
6	Issues in supply chain emissions accounting	 It takes time to get a full picture of the weight of raw material in category 1, and the weight of shipped products and distance (per metric ton-km) travelled to the destination in category 9. 		
7	Other			

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Cotogony	Accounting methods		
Category	Activity data	Emission factor	
Category 1: Purchased goods and services	Value of purchased raw materials and goods	• Emission factor per value of purchase (*1)	
Category 2: Capital goods	Value of purchased fixed assets	• Emission factor per value of purchase (*1)	
Category 3: Fuel and energy related activities not included in Scope 1 or 2	 Amount of energy usage by type 	 Emission factor per amount of energy usage (electric power *1, other fuels *2) 	
Category 4: Transportation and delivery (upstream)	 Weight of shipped products of the upstream transportation (consigner is our company) and distance (per metric ton-km) travelled to the destination Amount of energy usage at the storage base. 	 Emission factor by mode of transportation (*1) Emission factor by electric power company (Emission coefficient by electric power company published by 'Ministry of Environment/Ministry of Economy, Trade and Industry' December 27, 2018) 	
Category 5: Waste generated in operations	 Weight of emission by type of waste and method of disposal 	 Emission factor by type of waste and method of disposal (*1) 	
Category 6: Business travel	Number of employees	• Emission factor by mode of transportation (*1)	
Category 7: Employee commuting	 Expenditures for transportation fares 	 Emission factor per expenditure for transportation fares (*1) 	
Category 8: Leased assets (upstream)	 N/A(included in Scope 1 and 2) 	• -	

*1 Emission Factor Database on Accounting for Greenhouse Gas Emissions Throughout the Supply Chain (ver.2.6)

*2 Carbon Footprint Communication Program Basic Database ver. 1.01(data in Japan)



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Catagory	Accounting methods		
Category	Activity data	Emission factor	
Category 9: Transportation and delivery (downstream)	 [Unaccounted for] Weight of shipped products of the downstream transportation (consigner is another company) and distance (per metric ton-km) travelled to the destination 	 Emission factor by mode of transportation (*1) 	
Category 10: Processing of sold products	 [Unaccounted for] Volume of sold intermediate products such as active pharmaceutical ingredients 	Emission factor per volume of manufacturing	
Category 11: Use of sold products	• N/A	• -	
Category 12: End-of-life treatment of sold products	 Weight of containers and packaging of products 	 Emission factor by type of waste (*1) 	
Category 13: Leased assets (downstream)	• N/A	• -	
Category 14: Franchises	● N/A	• -	
Category 15: Investments	[Unaccounted for] net stock investment	• -	
Other	• N/A	• -	

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