

Table 8b
²³⁵U Enrichment (COMPUCEA)

Physical Form	Chemical Form	²³⁵ U Enrichment	Uncertainty Component (% rel., k=1)		ITV (% rel. , k=1)	Notes
			u(r)	u(s)		
Powder	UO ₂ , U ₃ O ₈	DU (²³⁵ U < 0.69 %)	0.6	0.4	0.72	<u>1/</u>
		NU (0.69 % < ²³⁵ U < 0.73 %)	0.4	0.3	0.5	<u>1/</u>
		LEU (0.73 % < ²³⁵ U < 20 %)	0.25	0.25	0.35	<u>1/</u>
		HEU (²³⁵ U > 20%)				<u>3/</u>
Pellet	UO ₂	NU (0.69 % < ²³⁵ U < 0.73 %)	0.35	0.25	0.43	
		LEU (0.73% < ²³⁵ U < 20 %)	0.2	0.2	0.28	
Solution	UNH	DU (²³⁵ U < 0.69 %)	0.6	0.5	0.78	<u>2/</u>
		NU (0.69 % < ²³⁵ U < 0.73 %)	0.4	0.45	0.6	<u>2/</u>
		LEU (0.73 % < ²³⁵ U < 20 %)	0.28	0.35	0.45	<u>2/</u>
Other Solid	UF ₆	DU (²³⁵ U < 0.69%)	0.4	0.2	0.45	
		NU (0.69 % < ²³⁵ U < 0.73 %)	0.25	0.17	0.3	
		LEU (0.73 % < ²³⁵ U < 20 %)	0.2	0.15	0.25	
		HEU (²³⁵ U > 20 %)				<u>3/</u>

Uncertainty categories:

ITV: are presented in black font

Prospective Values: are presented in blue font

1/ Including pure ADU, AUC, UO3 powders

2/ Concentration 150 gU/L to 400 gU/L

3/ Placeholder for future ITV