$$\frac{-11/8(s_{14}-s_{23})(s_{124}-s_{234})\langle 14\rangle\langle 6|1+3|5][24]}{\Delta_{13|24|56}\langle 1|2+4|3]^2\langle 2|1+3|4]}+$$

$$\frac{\langle 16\rangle\langle 24\rangle\langle 14\rangle(17/2\langle 46\rangle[34][13][24]\langle 13\rangle\ldots\langle\!\langle 4\,\text{terms}\rangle\!\rangle\ldots+89/2\langle 36\rangle\langle 12\rangle[23][13][24])}{\langle 12\rangle^2[13]\langle 56\rangle\langle 1|2+4|3]^2\langle 3|2+4|3]}+$$

$$\frac{11/8\langle 23\rangle(s_{123}-s_{134})(s_{14}-s_{23})\langle 6|1+3|5][24]}{\Delta_{13|24|56}\langle 1|2+4|3]\langle 2|1+3|4]^2}+$$

$$\frac{\langle 46\rangle[34]^2(-2\langle 12\rangle\langle 23\rangle\langle 46\rangle[34][24]\ldots\langle\!\langle 12\,\text{terms}\rangle\!\rangle\ldots+11/2\langle 36\rangle\langle 12\rangle[34][13]\langle 13\rangle)}{\langle 12\rangle^2[13][34]^2\langle 56\rangle\langle 1|2+4|3]\langle 2|1+3|4]}+$$

$$\frac{[34]\langle 36\rangle(29/2\langle 26\rangle[23][34]^2\langle 13\rangle\langle 24\rangle\ldots\langle\!\langle 12\,\text{terms}\rangle\!\rangle\ldots-17/2\langle 12\rangle\langle 26\rangle\langle 14\rangle[34][13][24])}{\langle 12\rangle^2[13][34]^2\langle 56\rangle\langle 1|2+4|3]\langle 2|1+3|4]}+$$

$$\frac{\langle 26\rangle[34](-12\langle 26\rangle\langle 14\rangle\langle 14\rangle^2[34][24]\ldots\langle\!\langle 13\,\text{terms}\rangle\!\rangle\ldots+2\langle 12\rangle\langle 16\rangle\langle 13\rangle[13]^2[24])}{\langle 12\rangle^2[13][34]^2\langle 56\rangle\langle 1|2+4|3]\langle 2|1+3|4]}+$$

$$\frac{[45](-27[35]\langle 34\rangle[34]^3\langle 13\rangle\langle 24\rangle\ldots\langle\!\langle 10\,\text{terms}\rangle\!\rangle\ldots-11/2[35]\langle 12\rangle^3[12]^2[34])}{\langle 12\rangle^2[13][34]^2\langle 56\rangle\langle 1|2+4|3]\langle 2|1+3|4]}+$$

$$\frac{[35]^2(-11/2\langle 23\rangle\langle 24\rangle[34]^2[24]\langle 13\rangle+11/2\langle 23\rangle\langle 12\rangle^2[13][24]^2-11/2\langle 34\rangle[34]^3\langle 13\rangle\langle 23\rangle-11/2[14]\langle 12\rangle^3[12][24])}{\langle 12\rangle^2[13][34]^2\langle 56\rangle\langle 1|2+4|3]\langle 2|1+3|4]}+$$

$$\frac{11/8[12][14](s_{14}-s_{23})\langle 14\rangle\langle 6|1+3|5]}{[13]\Delta_{13|24|56}\langle 1|2+4|3]\langle 2|1+3|4]}+$$

$$\frac{1/4[12](s_{14}-s_{23})\langle 6|1+3|5](s_{24}-s_{56})}{[13]\Delta_{13|24|56}\langle 1|2+4|3]\langle 2|1+3|4]}+$$

$$\frac{11/8[35]\langle 36\rangle[12](s_{14}-s_{23})(s_{24}-s_{56})}{[13]\Delta_{13|24|56}\langle 1|2+4|3]\langle 2|1+3|4]}+$$

$$\frac{-9/8[12]\langle 16\rangle\langle 1|2+4|1](s_{24}-s_{56})[15]}{[13]\Delta_{13|24|56}\langle 1|2+4|3]\langle 2|1+3|4]}+$$

$$\frac{9/8\langle 36\rangle\langle 46\rangle\langle 3|1+4|2][34](s_{13}-s_{24})}{\langle 56\rangle\Delta_{13|24|56}\langle 1|2+4|3]\langle 2|1+3|4]}+$$

$$\frac{-1/4\langle 36\rangle\langle 46\rangle[14]\langle 1|3+4|2](s_{13}-s_{24})}{\langle 56\rangle\Delta_{13|24|56}\langle 1|2+4|3]\langle 2|1+3|4]}+$$

$$\frac{\langle 3|1+4|2][45](s_{13}-s_{24})(-1/4[25]\langle 24\rangle-11/8[35]\langle 34\rangle)}{[56]\Delta_{13|24|56}\langle 1|2+4|3]\langle 2|1+3|4]}+$$

$$\frac{-41/16\langle 36\rangle[14]^2[25]\langle 14\rangle^2\ldots\langle\!\langle 52\,\text{terms}\rangle\!\rangle\ldots+9/8[12]\langle 23\rangle\langle 26\rangle[23][25]\langle 13\rangle}{\Delta_{13|24|56}\langle 1|2+4|3]\langle 2|1+3|4]}+$$

$$\frac{[35](-1\langle 12\rangle\langle 26\rangle[14]\langle 14\rangle^2[13][24]^2\ldots\langle\!\langle 3\,\text{terms}\rangle\!\rangle\ldots-1[12]\langle 26\rangle[14]\langle 14\rangle^2[34]^2\langle 13\rangle)}{\langle 12\rangle^2[13][34]^2\langle 56\rangle\langle 1|5+6|1][12+4|3]}+$$

$$\frac{\langle 12\rangle[23][24]\langle 34\rangle(-29\langle 26\rangle[23][25]\langle 23\rangle-29[23][13]\langle 23\rangle[45]\langle 23\rangle\langle 46\rangle+29\langle 36\rangle[23]\langle 24\rangle[45]+29[35]\langle 46\rangle\langle 23\rangle[24])}{\langle 12\rangle[34]\langle 56\rangle[56]\langle 1|2+4|3]\langle 3|2+4|3]^2}+$$

$$\frac{-11/2\langle 36\rangle[35][14]\langle 14\rangle^2[34]^2[24]\langle 24\rangle\ldots\langle\!\langle 10\,\text{terms}\rangle\!\rangle\ldots-17/2\langle 36\rangle\langle 12\rangle[35]\langle 34\rangle\langle 14\rangle[34]^2[13][24]}{\langle 12\rangle^2[13][34]^2\langle 56\rangle[56]\langle 1|2+4|3]\langle 3|2+4|3]}+$$

$$\frac{[34](193/2[35][14]\langle 26\rangle\langle 14\rangle^2[24]\ldots\langle\!\langle 33\,\text{terms}\rangle\!\rangle\ldots+11/2[35]\langle 12\rangle\langle 46\rangle\langle 24\rangle[24]^2)}{\langle 12\rangle^2[13][34]^2\langle 56\rangle[56]\langle 1|2+4|3]}+$$

$$\frac{1[35]\langle 46\rangle[23]\langle 14\rangle\langle 3|1+2|4]\langle 24\rangle}{\langle 12\rangle^2[13]\langle 56\rangle[56]\langle 1|2+4|3]\langle 4|1+2|3]}+$$

$$\frac{11/8[12]^2\langle 14\rangle\langle 6|1+3|5]}{[13]\Delta_{13|24|56}\langle 1|2+4|3]}+$$

$$\frac{3/2[14]\langle 13\rangle[45]^2[13]}{[34]^2[56]\langle 2|1+3|4]^2}+$$

$$\frac{3\langle 3|1+2|5][14][45]}{[34][56]\langle 2|1+3|4]^2}+$$

$$\frac{11/2[14][25][45]\langle 23\rangle}{[34][56]\langle 2|1+3|4]^2}+$$

$$\frac{[34]\langle 26\rangle(-11/2\langle 36\rangle[12]\langle 23\rangle[34]^2\langle 24\rangle-10[12]\langle 23\rangle\langle 26\rangle[34][13][13]-9/2\langle 36\rangle[14]^2[34]\langle 14\rangle\langle 24\rangle+9/2[14]^3\langle 12\rangle\langle 14\rangle\langle 46\rangle)}{\langle 12\rangle^2[13][34]^2\langle 56\rangle\langle 2|3+4|1]\langle 2|1+3|4]}+$$

$$\frac{\langle 24\rangle\langle 23\rangle^2[15](-11/2\langle 23\rangle[45]+11/2[35][24])}{\langle 12\rangle^2[13][56]\langle 2|3+4|1]\langle 2|1+3|4]}+$$

$$\frac{11/8\langle 34\rangle[14][12]\langle 6|1+3|5]}{[13]\Delta_{13|24|56}\langle 2|1+3|4]}+$$

$$\frac{-5/2\langle 36\rangle[12][15](s_{24}-s_{56})}{[13]\Delta_{13|24|56}\langle 2|1+3|4]}+$$

$$\frac{-2\langle 13\rangle^3\langle 14\rangle[13][15]^2}{\langle 12\rangle^2[56]\langle 1|2+3|1]^2\langle 1|5+6|1]}+$$

$$\frac{-3\langle 13\rangle^2\langle 14\rangle[15]^2}{\langle 12\rangle^2[56]\langle 1|2+3|1]\langle 1|5+6|1]}+$$

$$\frac{-1/2\langle 46\rangle\langle 34\rangle\langle 1|2+4|1][15][24]^2}{[34]\langle 1|5+6|1]^2\langle 3|2+4|3]^2}+$$

$$\frac{1/2\langle 36\rangle[15]\langle 34\rangle\langle 14\rangle[13][24]^2}{[34]\langle 1|5+6|1]^2\langle 3|2+4|3]^2}+$$

$$\frac{-1[15]\langle 16\rangle\langle 34\rangle[13][24]^2}{[34]^2\langle 1|5+6|1]^2\langle 3|2+4|3]}+$$

$$\frac{-1[12]\langle 16\rangle\langle 34\rangle[15][24]}{[34]\langle 1|5+6|1]^2\langle 3|2+4|3]}+$$

$$\frac{[23]\langle 34\rangle(-3/2[35]\langle 36\rangle\langle 23\rangle^2[23][24]\ldots\langle\!\langle 18\,\text{terms}\rangle\!\rangle\ldots-3/2\langle 23\rangle\langle 46\rangle[45]\langle 24\rangle[24]^2)}{\langle 12\rangle^2\langle 56\rangle[56]\langle 1|5+6|1]\langle 3|2+4|3]^2}+$$

$$\frac{\langle 46\rangle[24]\langle 34\rangle(-1/2[14][25]+1/2[12][45])}{[34]\langle 1|5+6|1]\langle 3|2+4|3]^2}+$$

$$\frac{2[35]\langle 26\rangle\langle 13\rangle^3[13]^3[24]\ldots\langle\!\langle 41\,\text{terms}\rangle\!\rangle\ldots-2\langle 36\rangle[35][14]^2\langle 14\rangle^2[34][24]\langle 24\rangle}{\langle 12\rangle^2[13][34]^2\langle 56\rangle[56]\langle 1|5+6|1]\langle 3|2+4|3]}+$$

$$\frac{60[35]\langle 23\rangle\langle 46\rangle[34][13][24]\langle 13\rangle\ldots\langle\!\langle 94\,\text{terms}\rangle\!\rangle\ldots+9/2[35]\langle 12\rangle[12]\langle 26\rangle\langle 24\rangle[24]^2}{\langle 12\rangle^2[13][34]^2\langle 56\rangle[56]\langle 1|5+6|1]}+$$

$$\frac{[23]\langle 34\rangle(-61/2[35]\langle 36\rangle\langle 23\rangle[24]\ldots\langle\!\langle 6\,\text{terms}\rangle\!\rangle\ldots-3/2\langle 36\rangle[14][45]\langle 14\rangle)}{\langle 12\rangle\langle 56\rangle[56]\langle 3|2+4|3]^2}+$$

$$\frac{13/2[35]\langle 23\rangle\langle 46\rangle[34][13][24]\langle 13\rangle\ldots\langle\!\langle 57\,\text{terms}\rangle\!\rangle\ldots+1/2\langle 12\rangle[12]\langle 16\rangle[45]\langle 13\rangle[13]^2}{\langle 12\rangle^2[13][34]^2\langle 56\rangle[56]\langle 3|2+4|3]}+$$

$$\frac{\langle 26\rangle(20\langle 36\rangle[12][34]^2\langle 24\rangle\ldots\langle\!\langle 10\,\text{terms}\rangle\!\rangle\ldots-9/2\langle 36\rangle[34]\langle 13\rangle[13]^2)}{\langle 12\rangle^2[13][34]^2\langle 56\rangle\langle 2|3+4|1]}+$$

$$\frac{\langle 24\rangle[15](9/2\langle 34\rangle[45]-20[25]\langle 23\rangle)}{\langle 12\rangle^2[13][56]\langle 2|3+4|1]}$$