$$\frac{-21\langle 26\rangle\langle 24\rangle[35]\langle 3|1+4|3]}{\langle 12\rangle\langle 2|1+4|3]^3} +$$

$$\frac{\langle 24\rangle[45]\langle 13\rangle[25][12](-1/2\langle 24\rangle^3[34]^3-1/2\langle 12\rangle^3[13]^3)}{\langle 12\rangle^2[13][34][56]\langle 2|1+3|2\rangle\langle 2|5+6|2\rangle\langle 2|1+4|3]^2} +$$

$$\frac{9/4[35]\langle 24\rangle^2 s_{134}[25][34]\langle 23\rangle}{\langle 12\rangle^2[13][56]\langle 2|5+6|2\rangle\langle 2|1+4|3]^2} +$$

$$\frac{\langle 26\rangle(-161/6\langle 34\rangle[34]^2\langle 46\rangle \ldots \langle \text{8 terms}\rangle \ldots -217/6\langle 26\rangle[23][13]\langle 13\rangle)}{\langle 12\rangle[34]\langle 56\rangle\langle 2|1+4|3]^2} +$$

$$\frac{3/2\langle 2|3+4|1]\langle 23\rangle\langle 4|1+3|2][25]^2}{[56]\langle 2|1+3|2\rangle\langle 2|5+6|2]^2\langle 2|1+4|3]} +$$

$$\frac{[25](15/4\langle 34\rangle[15]\langle 12\rangle^2[13]^2 \ldots \langle \text{11 terms}\rangle \ldots +3/2\langle 24\rangle^2[35]\langle 14\rangle[14]^2)}{\langle 12\rangle[13]\langle 24\rangle[34][56]\langle 2|5+6|2\rangle\langle 2|1+4|3]} +$$

$$\frac{-83/12[35]\langle 24\rangle\langle 13\rangle\langle 46\rangle[12][34]\langle 12\rangle \ldots \langle \text{73 terms}\rangle \ldots -14/3[35]\langle 34\rangle\langle 46\rangle[23][34]\langle 12\rangle\langle 23\rangle}{\langle 12\rangle\langle 24\rangle[34][56][56]\langle 1|2+4|3]\langle 2|1+4|3]} +$$

$$\frac{-3/2[35]\langle 24\rangle[25]\langle 13\rangle\langle 23\rangle}{\langle 12\rangle^2[56]\langle 2|1+3|2\rangle\langle 2|1+4|3]} +$$

$$\frac{\langle 13\rangle[25][12](3/4[45]\langle 24\rangle\langle 23\rangle[34]+7/4\langle 12\rangle\langle 23\rangle[35][14]-7/4[15]\langle 12\rangle^2[14])}{\langle 12\rangle[34][56]\langle 2|1+3|2\rangle\langle 2|5+6|2\rangle\langle 2|1+3|4]} +$$

$$\frac{[25](-1\langle 34\rangle[14][45]\langle 12\rangle[13] \ldots \langle \text{5 terms}\rangle \ldots +33/4\langle 24\rangle[14][12][45]\langle 12\rangle)}{\langle 12\rangle[13][34][56]\langle 2|5+6|2\rangle\langle 2|1+3|4]} +$$

$$\frac{[25][12](1/2[45]\langle 24\rangle^2[34]\langle 13\rangle \ldots \langle \text{5 terms}\rangle \ldots -7/4[15]\langle 12\rangle^2[13]\langle 13\rangle)}{\langle 12\rangle^2[13][34][56]\langle 2|1+3|2\rangle\langle 2|5+6|2]} +$$

$$\frac{[35][25](9\langle 24\rangle\langle 13\rangle[14]+9\langle 23\rangle[13]\langle 13\rangle+9/4\langle 34\rangle\langle 23\rangle[34])}{\langle 12\rangle^2[13][34][56]\langle 2|5+6|2]} +$$

$$\frac{[25](15/4\langle 34\rangle[15]\langle 12\rangle[13] \ldots \langle \text{5 terms}\rangle \ldots -27/4[15]\langle 24\rangle[13]\langle 13\rangle)}{\langle 12\rangle[13]\langle 24\rangle[34][56]\langle 2|5+6|2]} +$$

$$\frac{-9/2\langle 16\rangle\langle 24\rangle[24][23]\langle 14\rangle\langle 36\rangle}{\langle 12\rangle\langle 56\rangle\langle 1|2+4|3]^2\langle 3|2+4|3]} +$$

$$\frac{[23]\langle 16\rangle(-28/3\langle 26\rangle[23]\langle 13\rangle-157/12\langle 12\rangle[24]\langle 46\rangle-7/4\langle 26\rangle[24]\langle 14\rangle)}{\langle 12\rangle[34]\langle 56\rangle\langle 1|2+4|3]^2} +$$

$$\frac{-1/12(s_{14}-s_{23})\langle 3|1+2|4](s_{123}-s_{134})\langle 6|1+3|5]}{\Delta_{13|24|56}\langle 1|2+4|3]\langle 2|1+3|4]^2} +$$

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

$$\frac{-19/3[35]\langle 24\rangle[24]\langle 46\rangle[12][34]\langle 23\rangle \ldots \langle \text{23 terms}\rangle \ldots -25/6\langle 24\rangle[23][12][45]\langle 12\rangle\langle 36\rangle[13]}{[13]\langle 24\rangle[34]\langle 56\rangle[56]\langle 1|2+4|3]\langle 2|1+3|4]} +$$

$$\frac{-1/12[35]\langle s_{14}-s_{23}\rangle\langle 13\rangle[12]^2\langle 26\rangle}{[13]\Delta_{13|24|56}\langle 1|2+4|3]\langle 2|1+3|4]} +$$

$$\frac{[12]\langle 16\rangle[14]\langle s_{24}-s_{56}\rangle(1/12\langle 34\rangle[35]-1/12[15]\langle 14\rangle)}{[13]\langle 1|2+4|3]\langle 2|1+3|4]\Delta_{13|24|56}} +$$

$$\frac{[12]\langle s_{24}-s_{56}\rangle(-1/6\langle 16\rangle[15]\langle 12\rangle[12]-1/2[14]\langle 35\rangle\langle 46\rangle\langle 13\rangle)}{[13]\Delta_{13|24|56}\langle 1|2+4|3]\langle 2|1+3|4]} +$$

$$\frac{\langle s_{13}-s_{24}\rangle(13/12[23]\langle 36\rangle^2[46]\langle 46\rangle \ldots \langle \text{12 terms}\rangle \ldots +7/6[24][26]\langle 46\rangle\langle 26\rangle\langle 36\rangle)}{\langle 56\rangle\langle 1|2+4|3]\langle 2|1+3|4]\Delta_{13|24|56}} +$$

$$\frac{-1/2[26][25]^2\langle 26\rangle\langle 23\rangle\langle 56\rangle \ldots \langle \text{36 terms}\rangle \ldots -1/2[35]\langle 34\rangle\langle 24\rangle[24]^2\langle 36\rangle}{\langle 1|2+4|3]\langle 2|1+3|4]\Delta_{13|24|56}} +$$

$$\frac{[35]\langle 13\rangle(-7/6\langle 26\rangle[13]^2\langle 14\rangle\langle 13\rangle+7/6\langle 24\rangle\langle 13\rangle\langle 46\rangle[34][13]-7/6\langle 24\rangle\langle 13\rangle[23]\langle 26\rangle[13]-7/3\langle 24\rangle\langle 46\rangle[12][34]\langle 12\rangle)}{\langle 12\rangle^2[13]\langle 24\rangle[34]\langle 56\rangle[56]\langle 1|2+4|3]} +$$

$$\frac{-1/3[35][14][12]\langle 14\rangle^2\langle 26\rangle \ldots \langle \text{4 terms}\rangle \ldots -7/6\langle 24\rangle^2[24]\langle 46\rangle[23][45]}{\langle 12\rangle[13]\langle 24\rangle[34][56][56]\langle 1|2+4|3]} +$$

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

$$\frac{1/12\langle 26\rangle[15][12]^2\langle 13\rangle}{[13]\Delta_{13|24|56}\langle 2|1+3|4]} +$$

$$\frac{1/6\langle s_{24}-s_{56}\rangle[15]\langle 36\rangle[12]}{[13]\Delta_{13|24|56}\langle 2|1+3|4]} +$$

$$\frac{[35]\langle 23\rangle[25](37/4\langle 24\rangle\langle 13\rangle+1\langle 34\rangle\langle 12\rangle)}{\langle 12\rangle^2\langle 24\rangle[34][56]\langle 2|1+3|2]} +$$

$$\frac{-27/4\langle 23\rangle[35][12][25]}{\langle 12\rangle[13][34][56]\langle 2|1+3|2]} +$$

$$(123456 \to \overline{432165})$$